Review of the Fogelson 4-1 2023

Satisfactory

annual basis.

Annual Groundwater Report: Content

1. Conduct groundwater monitoring

2. Conduct analyses for BTEX, EPA

events as scheduled on a semi-

method 8260 on key wells.

2023 ANNUAL GROUNDWATER REPORT

REVIEWED

By Mike Buchanan at 4:04 pm, Jun 27, 2024

Fogelson 4-1
Incident Number: nAUTOfAB000192
Meter Code: 73220
T29N, R11W, Sec 4, Unit P

SITE DETAILS

Site Location: Latitude: 36.750660 N, Longitude: -107.991560 W

Land Type: Federal

Former Operator: Burlington Resources (well P&A'd)

SITE BACKGROUND

3. Increase sampling to quarterly Environmental remediation activities at Fogelson 4-1 (Site) are being managed when constituents drawes set forth in the document entitled, "Remediation Plan for Groundwater Encoundemonstrated below the WQCC Activities" (Remediation Plan, El Paso Natural Gas Company / El Paso Field Stument health standards). This Remediation Plan was conditionally approved by the New Mexico Off. Continue removal of LNAPL as (NMOCD) in correspondence dated November 30, 1995; and the NMOCD appropriate for the site of adopted into El Paso CGP Company (EPCGP's) program methods. The Site was Submit the 2024 Annual Report by Resources Oil & Gas Company LP (BR) until January 2014, and the final reclamation activities at Fogelson 4-1 (Site) are being managed when constituents drawes set forth in the document entitled, "Remediation Plan for Groundwater Encoundemonstrated below the WQCC Activities" (Remediation Plan, El Paso Natural Gas Company LP as Natural Gas Company LP (BR) until January 2014, and the final reclamation activities at Fogelson 4-1 (Site) are being managed when constituents drawes set forth in the document entitled, "Remediation Plan for Groundwater Encoundemonstrated below the WQCC Activities" (Remediation Plan, El Paso Natural Gas Company LP as Natural Gas Company LP as Natural Gas Company LP as Natural Gas Company LP (BR) until January 2014, and the final reclamation plan for Groundwater Encoundemonstrated below the WQCC Activities" (Remediation Plan for Groundwater Encoundemonstrated below the WQCC Activities" (Remediation Plan for Groundwater Encoundemonstrated below the WQCC Activities" (Remediation Plan for Groundwater Encoundemonstrated below the WQCC Activities" (Remediation Plan for Groundwater Encoundemonstrated below the WQCC Activities and Gas Company LP activities (Remediation Plan for Groundwater Encoundemonstrated below the WQCC Activities (Remediation Plan for Groundwater Encoundemonstrated Below the WQCC Activities (Remediation Plan for Groundwater Encoundemonstrated Be

The Site is located on Federal land. An initial site assessment was completed in March 1994, and an excavation of 65 cubic yards (cy), to a depth of approximately 11 feet below ground surface (bgs), was completed in April 1994. Monitoring wells were installed in 1995 (MW-1, MW-2, and MW-3), 2017 (MW-4, MW-5, MW-6, and MW-7), and 2018 (MW-1R [replaced MW-1], MW-8, and MW-9). Monitoring wells MW-10 and MW-11 were advanced and installed in 2022. One soil boring (SB-12) was also advanced in 2022. A detailed Site history is presented in Appendix A.

The location of the Site is depicted on Figure 1. A Site Plan map depicting the locations of monitoring wells, soil borings, and current and historical site features is provided as Figure 2. In August 2001 a nutrient injection of an Oxygen Release Compound was completed. Historically, light non-aqueous phase liquid (LNAPL) has periodically been encountered and recovered from MW-1 (MW-1R) and MW-5. Mobile dual-phase extraction (MDPE) events to enhance LNAPL recovery were conducted in 2018 and 2021. Quarterly manual LNAPL recovery began in the second quarter of 2020 and has continued through 2023. Groundwater sampling is being conducted on a semi-annual basis.

GROUNDWATER SAMPLING ACTIVITIES

Stantec provided field work notifications via electronic mail (e-mail) to NMOCD on May 12, 2023, and November 2, 2023, prior to initiating groundwater sampling activities at the Site. Copies of the 2023 NMOCD notifications are provided in Appendix B. On May 18 and November 8, 2023, water levels were gauged at each monitoring well. During both events, groundwater samples were collected from MW-1R, MW-4, MW-7, MW-8, MW-9, and MW-11. During the May 18, 2023 event, groundwater samples were also collected from MW-2, MW-3, MW-6, and MW-10. During each sampling event, groundwater samples were collected using HydraSleeveTM (HydraSleeve) no-purge groundwater sampling devices. The HydraSleeves were set during the previous sampling event. The HydraSleeves were positioned to collect a sample from the screened interval by setting the bottom of the sleeve approximately 0.5 foot above the bottom of the screened interval.

The groundwater samples were placed into laboratory-supplied sample containers, packed on ice, and shipped under standard chain-of-custody protocols to Eurofins Environment Testing Southeast, LLC, (Eurofins) in Pensacola, Florida where they were analyzed for the presence of benzene, toluene,

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ethylbenzene, and total xylenes (BTEX) according to United States Environmental Protection Agency (EPA) Method 8260. One laboratory-provided trip blank and one blind field duplicate were also collected during each groundwater sampling event.

The unused sample water was combined in a waste container and transported to Envirotech, Inc. (Envirotech) in Bloomfield, NM for disposal. Waste disposal documentation is included as Appendix C.

LNAPL RECOVERY

As documented in EPCGP's letter dated January 5, 2021, EPCGP initiated quarterly LNAPL recovery activities in the second calendar quarter of 2020. Documentation of NMOCD notification of site LNAPL recovery activities in 2023 is provided in Appendix B. LNAPL was observed in monitoring well MW-5 during the March, May, August, and November recovery events in 2023.

During the groundwater sampling site visits in May and November, the recovered LNAPL was disposed of with wastewater generated during the monitoring well sampling activities. Recovered LNAPL from the March and August site visits was disposed at Envirotech (Appendix C).

SUMMARY TABLES

Historic analytical and water level data are summarized in Table 2 and Table 3, respectively. LNAPL recovery data is summarized on Table 1.

SITE MAPS

Groundwater analytical maps (Figures 3 and 5) and groundwater elevation contour maps (Figures 4 and 6) summarize results of the 2023 groundwater sampling and gauging events.

ANALYTICAL LAB REPORTS

The groundwater analytical lab reports are included as Appendix D.

GROUNDWATER RESULTS

- The groundwater elevations indicate the flow direction at the Site was generally to the northwest during 2023 (see Figures 4 and 6).
- LNAPL was observed in MW-5 during the May and November 2023 sampling events, and in MW-10 during the November 2023 sampling event; therefore, no groundwater samples were collected from these locations.
- The groundwater sample collected from MW-10 during the May 2023 sampling event exceeded the New Mexico Water Quality Control Commission (NMWQCC) standard (10 micrograms per liter [μg/L]) for benzene in groundwater. Benzene was not detected or was detected below the NMWQCC standard in the remaining groundwater samples collected from site monitoring wells in 2023.

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- Concentrations of toluene were either below the NMWQCC standard (750 μg/L) or not detected in the Site monitoring wells sampled in 2023.
- Concentrations of ethylbenzene were either below the NMWQCC standard (750 μg/L) or were not detected in each of the Site monitoring wells sampled in 2023.
- Concentrations of total xylenes were either below the NMWQCC standard (620 μg/L) or were not detected in each of the Site monitoring wells sampled in 2023.
- Field duplicate samples were collected from monitoring well MW-10 during the May 2023 sampling event and from MW-1R during the November 2023 sampling event. There were no significant differences between concentrations in the primary and duplicate samples.
- Detectable concentrations of BTEX constituents were not reported in the trip blanks collected and analyzed as part of the 2023 groundwater monitoring events.

PLANNED FUTURE ACTIVITIES

Groundwater monitoring events will continue to be conducted on a semi-annual basis. As site closure is not being recommended at this time, groundwater samples will be collected from key monitoring wells not containing LNAPL on a semi-annual basis and analyzed for BTEX constituents using EPA Method 8260. A field duplicate and trip blank will also be collected during each groundwater sampling event. Sampling of all site monitoring wells is conducted on a biennial basis, with the next site-wide sampling event to be conducted in the second calendar quarter of 2024.

Quarterly site visits will continue at the Site in 2024 to facilitate removal of measurable LNAPL where it is present.

The activities conducted in 2024, and their results, will be summarized in the 2024 Annual Report, to be submitted by April 1, 2025.

TABLES

TABLE 1 – LIGHT NON-AQUEOUS PHASE LIQUID RECOVERY SUMMARY

TABLE 2 – GROUNDWATER ANALYTICAL RESULTS

TABLE 1
LIGHT NON-AQUEOUS PHASE LIQUID RECOVERY SUMMARY

	Fogelson 4-1 Com #14								
Well ID - MW-1	Depth to LNAPL (Feet)	Depth to Water (Feet)	Measured Thickness (Feet)	LNAPL Recovered (gal)	Water Recovered (gal)	Recovery Type			
Date									
4/16/2016	45.00	45.05	0.05	<0.01	0.01	manual			
10/14/2016	45.12	45.12	<0.01	<0.01	0.01	manual			
6/10/2017	45.25	45.30	0.05	<0.01	0.01	manual			
11/13/2017	45.42	45.43	0.01	<0.01	0.01	manual			
5/17/2018	45.48	45.48	<0.01	<0.01	0.01	manual			
	MW-1 replaced with MW-1R on 9/28/2018								
			Total:	<0.01	0.05				

Well ID - MW-1R						
8/18/2020	47.69	47.69	<0.01	<0.01	0.12	manual
			Total:	0	0.12	

Well ID - MW-5						
11/10/2019	44.87	44.99	0.12	0.08	0.10	manual
5/11/2020	44.84	45.01	0.17	0.46	0.33	manual
8/18/2020	46.03	46.08	0.05	0.05	0.26	manual
11/14/2020	45.06	45.10	0.04	<0.01	0.03	manual
3/17/2021	44.87	45.05	0.18	0.08	0.54	manual
5/22/2021	45.10	45.26	0.16	0.01	0.06	manual
8/27/2021	45.11	45.35	0.24	0.50	20.5	Mobile DPE*
11/14/2021	45.03	45.72	0.69	0.21	0.21	manual
3/22/2022	44.94	45.96	1.02	0.57	0.14	manual
5/21/2022	45.02	45.55	0.53	0.30	0.17	manual
7/29/2022	45.02	45.81	0.79	0.37	0.08	manual
10/30/2022	44.96	46.14	1.18	0.76	0.00	manual
3/30/2023	44.95	46.20	1.25	0.71	0.29	manual
5/18/2023	45.18	45.62	0.44	0.22	0.06	manual
8/31/2023	45.13	45.85	0.72	0.34	0.32	manual
11/8/2023	45.20	45.83	0.63	0.22	0.13	manual
			Total:	4.32	22.77	

Well ID - MW-10						
11/8/2023	48.68	48.78	0.10	0.02	0.14	manual
			Total:	0.02	0.14	

Notes:

gal = gallons.

DPE = dual phase extraction

LNAPL recovery data for 2015 and previous years documented in previously-submitted reports.

^{* =} Mobile Dual Phase Extraction (DPE) includes calculated recovered hydrocarbon vapors.

[&]quot;LNAPL" = light non-aqueous phase liquid

		Fogel	son 4-1		
		Benzene	Toluene	Ethylbenzene	Total Xylenes
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)
NMWQ0	CC Standards:	10	750	750	620
MW-1	11/06/95	1520	1050	907	9180
MW-1	12/06/96	1110	388	713	7730
MW-1	03/10/97	1240	318	850	9050
MW-1	06/06/97	1080	268	747	7700
MW-1	03/30/98	1070	522	789	8430
MW-1	06/04/98	1090	627	837	8880
MW-1	06/15/99	1000	550	770	7800
MW-1	06/19/00	790	280	1100	9300
MW-1	10/02/00	580	600	950	8000
MW-1	12/05/00	420	610	770	6000
MW-1	05/30/01	340	470	710	4800
MW-1	11/26/01	420	330	760	3400
MW-1	05/15/02	430	230	900	6000
MW-1	06/10/02	NS	NS	NS	NS
MW-1	11/04/02	625	370	862	5210
MW-1	05/21/03	339	296	723	4730
MW-1	11/15/03	401	308	755	4700
MW-1	11/16/04	185	59.9	550	2800
MW-1	11/08/05	174	34.3	675	2440
MW-1	11/08/06	206	41.6	694	2460
MW-1	11/29/07	NS	NS	NS	NS
MW-1	01/25/08	NS	NS	NS	NS
MW-1	08/12/08	NS	NS	NS	NS
MW-1	11/07/08	NS	NS	NS	NS
MW-1	02/06/09	NS	NS	NS	NS
MW-1	05/04/09	NS	NS	NS	NS
MW-1	08/26/09	NS	NS	NS	NS
MW-1	11/03/09	230	24.2 J	901	3290
MW-1	02/11/10	NS	NS	NS	NS
MW-1	05/25/10	NS	NS	NS	NS
MW-1	09/24/10	NS	NS	NS	NS
MW-1	11/09/10	198	23.5	840	3170
MW-1	02/01/11	NS	NS	NS	NS
MW-1	05/03/11	NS	NS	NS	NS
MW-1	09/27/11	NS	NS	NS	NS
MW-1	11/16/11	171	3.8 J	818	2770
MW-1	02/16/12	NS	NS	NS	NS
MW-1	05/07/12	NS	NS	NS	NS
MW-1	06/04/13	20	9.3 J	650	2400
MW-1	09/09/13	160	20	760	3200
MW-1	12/13/13	150	41	630	2700

Fogelson 4-1							
		Benzene	Toluene	Ethylbenzene	Total Xylenes		
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)		
NMWQC	C Standards:	10	750	750	620		
MW-1	04/05/14	4.3	<0.38	20	76		
MW-1	10/21/14	200	11	770	3600		
MW-1	05/30/15	160	38	810	3700		
MW-1	11/18/15	NS	NS	NS	NS		
MW-1	04/16/16	NS	NS	NS	NS		
MW-1	10/14/16	NS	NS	NS	NS		
MW-1	06/10/17	NS	NS	NS	NS		
MW-1	11/13/17	NS	NS	NS	NS		
MW-1	05/17/18	NS	NS	NS	NS		
	MW-1 r	eplaced with	MW-1R on	9/28/2018			
MW-1R	10/28/18	1.6	<1.0	<1.0	180		
MW-1R	05/23/19	2.5	<1.0	<1.0	<10		
MW-1R	11/13/19	<1.0	<1.0	<1.0	<10		
MW-1R	05/15/20	<1.0	<1.0	<1.0	<10		
DUP-01(MW-1R)*	05/15/20	<1.0	<1.0	<1.0	<10		
MW-1R	08/18/20	NS	NS	NS	NS		
MW-1R	11/14/20	<1.0	<1.0	<1.0	<10		
MW-1R	03/17/21	NS	NS	NS	NS		
MW-1R	05/22/21	<1.0	<1.0	<1.0	<10		
MW-1R	08/27/21	NS	NS	NS	NS		
MW-1R	11/14/21	<1.0	<1.0	<1.0	<10		
DUP-01(MW-1R)*	11/14/21	<1.0	<1.0	<1.0	<10		
MW-1R	03/22/22	NS	NS	NS	NS		
MW-1R	05/21/22	NS	NS	NS	NS		
MW-1R	07/29/22	NS	NS	NS	NS		
MW-1R	10/30/22	<1.0	<1.0	<1.0	<10		
MW-1R	05/18/23	<1.0	<1.0	<1.0	<10		
MW-1R	11/08/23	<1.0	<1.0	<1.0	<10		
DUP-01(MW-1R)*	11/08/23	<1.0	<1.0	<1.0	<10		
MW-2	07/27/00	<0.5	<0.5	8.8	<0.5		
MW-2	05/30/01	<0.5	<0.5	7.5	1		
MW-2	05/15/02	<0.5	<0.5	2	<1		
MW-2	11/04/02	NS	NS	NS	NS		
MW-2	05/21/03	NS	NS	NS	NS		
MW-2	11/15/03	NS	NS	NS	NS		
MW-2	11/16/04	NS	NS	NS	NS		
MW-2	11/08/05	NS	NS	NS	NS		
MW-2	11/08/06	NS	NS	NS	NS		
MW-2	11/29/07	NS	NS	NS	NS		
MW-2	08/12/08	NS	NS	NS	NS		

	Fogelson 4-1							
Location	Dete	Benzene	Toluene	Ethylbenzene	Total Xylenes			
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)			
	CC Standards:	10 NO	750	750	620			
MW-2	11/07/08	NS	NS	NS	NS			
MW-2	02/06/09	NS	NS	NS	NS			
MW-2	05/04/09	NS	NS	NS	NS			
MW-2	08/26/09	NS	NS	NS	NS			
MW-2	11/03/09	NS	NS	NS	NS			
MW-2	02/11/10	NS	NS	NS	NS			
MW-2	05/25/10	NS	NS	NS	NS			
MW-2	09/24/10	NS	NS	NS	NS			
MW-2	11/09/10	<2	<2	<2	<6			
MW-2	02/01/11	NS	NS	NS	NS			
MW-2	05/03/11	NS	NS	NS	NS			
MW-2	09/27/11	NS	NS	NS	NS			
MW-2	11/16/11	<1	<1	<1	<3			
MW-2	02/16/12	NS	NS	NS	NS			
MW-2	05/07/12	NS	NS	NS	NS			
MW-2	06/04/13	<0.14	<0.30	<0.20	<0.23			
MW-2	09/09/13	<0.14	<0.30	<0.20	<0.23			
MW-2	12/13/13	<0.20	0.52 J	0.38 J	0.85 J			
MW-2	04/05/14	<0.20	<0.38	<0.20	<0.65			
MW-2	10/21/14	<0.38	<0.70	<0.50	<1.6			
MW-2	05/30/15	<1.0	<5.0	<1.0	<5.0			
MW-2	11/18/15	<1.0	<1.0	<1.0	<3.0			
MW-2	04/16/16	<1.0	<5.0	<1.0	<5.0			
MW-2	10/14/16	<1.0	<5.0	<1.0	<5.0			
MW-2	06/10/17	<1.0	<5.0	<1.0	<5.0			
MW-2	11/13/17	<1.0	<1.0	<1.0	<10			
MW-2	05/17/18	<1.0	<1.0	<1.0	<10			
MW-2	10/28/18	<1.0	<1.0	<1.0	<10			
MW-2	05/23/19	<1.0	<1.0	<1.0	<10			
MW-2	11/13/19	NS	NS	NS	NS			
MW-2	05/15/20	NS	NS	NS	NS			
MW-2	11/14/20	NS	NS	NS	NS			
MW-2	05/22/21	<1.0	<1.0	<1.0	<10			
MW-2	08/27/21	NS	NS	NS	NS			
MW-2	11/14/21	NS	NS	NS	NS			
MW-2	05/21/22	NS	NS	NS	NS			
MW-2	05/18/23	<1.0	<1.0	<1.0	<10			
MW-2	11/08/23	NS	NS	NS	NS			
MW-3	07/27/00	27	35	170	520			
MW-3	05/30/01	1.3	<0.5	40	2.8			

		Fogel	son 4-1		
		Benzene	Toluene	Ethylbenzene	Total Xylenes
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)
NMWQ	CC Standards:	10	750	750	620
MW-3	05/15/02	0.64	<0.5	17	1.2
MW-3	11/04/02	NS	NS	NS	NS
MW-3	05/21/03	<1	<1	18.2	<3
MW-3	11/15/03	NS	NS	NS	NS
MW-3	11/16/04	NS	NS	NS	NS
MW-3	11/08/05	NS	NS	NS	NS
MW-3	11/08/06	NS	NS	NS	NS
MW-3	11/29/07	NS	NS	NS	NS
MW-3	08/12/08	NS	NS	NS	NS
MW-3	11/07/08	NS	NS	NS	NS
MW-3	02/06/09	NS	NS	NS	NS
MW-3	05/04/09	NS	NS	NS	NS
MW-3	08/26/09	NS	NS	NS	NS
MW-3	11/03/09	NS	NS	NS	NS
MW-3	02/11/10	NS	NS	NS	NS
MW-3	05/25/10	NS	NS	NS	NS
MW-3	09/24/10	NS	NS	NS	NS
MW-3	11/09/10	<2	<2	1.9 J	<6
MW-3	02/01/11	NS	NS	NS	NS
MW-3	05/03/11	NS	NS	NS	NS
MW-3	09/27/11	NS	NS	NS	NS
MW-3	11/16/11	<1	<1	0.77 J	<3
MW-3	02/16/12	NS	NS	NS	NS
MW-3	05/07/12	NS	NS	NS	NS
MW-3	06/04/13	<0.14	<0.30	<0.20	<0.23
MW-3	09/09/13	<0.14	<0.30	<0.20	<0.23
MW-3	12/13/13	<0.20	0.56 J	<0.20	<0.65
MW-3	04/05/14	<0.20	<0.38	<0.20	<0.65
MW-3	10/21/14	<0.38	<0.70	0.96 J	<1.6
MW-3	05/30/15	<1.0	<5.0	<1.0	<5.0
MW-3	11/18/15	<1.0	<1.0	<1.0	<3.0
MW-3	04/16/16	<1.0	<5.0	<1.0	<5.0
MW-3	10/14/16	<1.0	<5.0	<1.0	<5.0
MW-3	06/10/17	<1.0	<5.0	<1.0	<5.0
MW-3	11/13/17	<1.0	<1.0	<1.0	<10
MW-3	05/17/18	<1.0	<1.0	<1.0	<10
MW-3	10/28/18	<1.0	<1.0	<1.0	<10
MW-3	05/23/19	<1.0	<1.0	<1.0	<10
MW-3	11/13/19	NS	NS	NS	NS
MW-3	05/15/20	NS	NS	NS	NS
MW-3	11/14/20	NS	NS	NS	NS

	Fogelson 4-1							
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (μg/L)			
NMWQ0	CC Standards:	10	750	750	620			
MW-3	05/22/21	<1.0	<1.0	<1.0	<10			
MW-3	08/27/21	NS	NS	NS	NS			
MW-3	11/14/21	NS	NS	NS	NS			
MW-3	05/21/22	NS	NS	NS	NS			
MW-3	05/18/23	<1.0	<1.0	<1.0	<10			
MW-3	11/08/23	NS	NS	NS	NS			
MW-4	06/10/17	2.8	<5.0	76	<5.0			
MW-4	11/13/17	2.6	<1.0	60	<10			
MW-4	05/17/18	1.3	<1.0	35	<10			
MW-4	10/28/18	1.5	<1.0	31	<10			
MW-4	05/23/19	<1.0	<1.0	2.1	<10			
DUP-01(MW-4)*	05/23/19	<1.0	<1.0	1.3	<10			
MW-4	11/13/19	<1.0	<1.0	2.7	<10			
DUP-01(MW-4)*	11/13/19	<1.0	<1.0	2.7	<10			
MW-4	05/15/20	<1.0	<1.0	<1.0	<10			
MW-4	11/14/20	<1.0	<1.0	<1.0	<10			
MW-4	05/22/21	<1.0	<1.0	<1.0	<10			
MW-4	08/27/21	NS	NS	NS	NS			
MW-4	11/14/21	<1.0	<1.0	<1.0	<10			
MW-4	05/21/22	<1.0	<1.0	<1.0	<10			
MW-4	05/18/23	<1.0	<1.0	<1.0	<10			
MW-4	11/08/23	<1.0	<1.0	<1.0	<10			
MW-5	06/10/17	24	<10	2.4	120			
MW-5	11/13/17	24	<2.0	210	<20			
MW-5	05/17/18	25	<2.0	280	<20			
MW-5	10/28/18	25	<1.0	290	<10			
DUP-01(MW-5)*	10/28/18	24	<1.0	260	<10			
MW-5	05/23/19	24	<2.0	310	<20			
MW-5	11/13/19	NS	NS	NS	NS			
MW-5	05/15/20	NS	NS	NS	NS			
MW-5	08/18/20	NS	NS	NS	NS			
MW-5	11/14/20	NS	NS	NS	NS			
MW-5	03/17/21	NS	NS	NS	NS			
MW-5	05/22/21	NS	NS	NS	NS			
MW-5	08/27/21	NS	NS	NS	NS			
MW-5	11/14/21	NS	NS	NS	NS			
MW-5	03/22/22	NS	NS	NS	NS			
MW-5	05/21/22	NS	NS	NS	NS			
MW-5	07/29/22	NS	NS	NS	NS			

		Fogel	son 4-1		
		Benzene	Toluene	Ethylbenzene	Total Xylenes
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)
NMWQ0	CC Standards:	10	750	750	620
MW-5	05/18/23	NS	NS	NS	NS
MW-5	11/08/23	NS	NS	NS	NS
MW-6	06/10/17	<1.0	<5.0	<1.0	<5.0
MW-6	11/13/17	<1.0	<1.0	<1.0	<10
MW-6	05/17/18	1.7	<1.0	<1.0	<10
MW-6	10/28/18	<1.0	<1.0	<1.0	<10
MW-6	05/23/19	<1.0	<1.0	<1.0	<10
MW-6	11/13/19	<1.0	<1.0	<1.0	<10
MW-6	05/15/20	<1.0	<1.0	<1.0	<10
MW-6	11/14/20	<1.0	1.2	<1.0	<10
MW-6	05/22/21	<1.0	<1.0	<1.0	<10
MW-6	08/27/21	NS	NS	NS	NS
MW-6	11/14/21	<1.0	<1.0	<1.0	<10
MW-6	05/21/22	<1.0	<1.0	<1.0	<10
MW-6	05/18/23	<1.0	<1.0	<1.0	<10
MW-6	11/08/23	NS	NS	NS	NS
B 4) A / -7	00/40/47	400	.40	150	500
MW-7	06/10/17	130	<10	150	580
MW-7	11/13/17	83	<1.0	110	96
MW-7	05/17/18	61	<1.0	89	21
DUP-01(MW-7)*	05/17/18	63	<1.0 <1.0	97	23
MW-7	10/28/18	50	<1.0 <1.0	58	<10 <10
MW-7	05/23/19	53 18	<1.0	62 24	<10
MW-7 MW-7	11/13/19 05/15/20	12	<1.0	16	<10
MW-7	11/14/20	12	<1.0	17	<10
DUP-01(MW-7)*	11/14/20	14	<1.0	23	<10
MW-7	05/22/21	9.0	<1.0	9.0	<10
DUP-01(MW-7)*	05/22/21	9.1	<1.0	9.0	<10
MW-7	08/27/21	NS	NS	NS NS	NS
MW-7	11/14/21	8.7	<1.0	6.4	<10
MW-7	05/21/22	5.1	<1.0	1.9	<10
DUP-01(MW-7)*	05/21/22	4.6	<1.0	1.3	<10
MW-7	10/30/22	9.0	<1.0	2.1	<10
MW-7	05/18/23	8.3	<1.0	4.3	<10
MW-7	11/08/23	6.3	<1.0	1.0	<10
MW-8	10/28/18	1.7	<1.0	1.2	<10
MW-8	05/23/19	2.7	<1.0	1.1	<10
MW-8	11/13/19	1.8	<1.0	<1.0	<10
IVIVV - O	11/10/10	1.0	1.0	1.0	1 10

		Fogels	son 4-1		
		Benzene	Toluene	Ethylbenzene	Total Xylenes
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)
NMWQC	C Standards:	10	750	750	620
MW-8	05/15/20	<1.0	<1.0	<1.0	<10
MW-8	11/14/20	1.1	<1.0	<1.0	<10
MW-8	05/22/21	1.4	<1.0	3.0	<10
MW-8	08/27/21	NS	NS	NS	NS
MW-8	11/14/21	1.4	<1.0	<1.0	<10
MW-8	05/21/22	<1.0	<1.0	<1.0	<10
MW-8	05/18/23	<1.0	<1.0	<1.0	<10
MW-8	11/08/23	<1.0	<1.0	<1.0	<10
MW-9	10/28/18	<1.0	<1.0	<1.0	<10
MW-9	05/23/19	<1.0	<1.0	<1.0	<10
MW-9	11/13/19	<1.0	<1.0	<1.0	<10
MW-9	05/15/20	<1.0	<1.0	<1.0	<10
MW-9	11/14/20	<1.0	<1.0	<1.0	<10
MW-9	05/22/21	<1.0	<1.0	<1.0	<10
MW-9	08/27/21	NS	NS	NS	NS
MW-9	11/14/21	<1.0	<1.0	<1.0	<10
MW-9	05/21/22	<1.0	<1.0	<1.0	<10
MW-9	05/18/23	<1.0	<1.0	<1.0	<10
MW-9	11/08/23	<1.0	<1.0	<1.0	<10
MW-10	05/21/22	69	11	880	3100
MW-10	05/18/23	19	<1.0	510	370
DUP-01(MW-10)*	05/18/23	19	<1.0	520	380
MW-10	11/08/23	NS	NS	NS	NS
MW-11	05/18/23	<1.0	<1.0	<1.0	<10
	11/08/23	<1.0	<1.0	<1.0	<10
MW-11	11/08/23	\1.U	<u> </u>	<u> </u>	<u> </u>

Notes:

NS = Not sampled

μg/L = micrograms per liter

Results highlighted yellow exceed their respective New Mexico Water Quality Control Commission (NMWQCC) standards.

[&]quot;J" = Result is less than the reporting limit but greater than or equal to the method detection limit and the result in an approximate value.

[&]quot;<" = analyte was not detected at the indicated reporting limit (some historic data were reported at the detection limit).

^{*}Field Duplicate results presented immediately below primary sample result

			Fogelso	n 4-1		
			Depth to		LNAPL	GW
			LNAPL	Depth to	Thickness	Elevation
Location	Date	тос	(ft.)	Water (ft.)		(ft.)
MW-1	11/06/95	5784.77	NR	39.99	,	5744.78
MW-1	12/06/96	5784.77	NR	40.74		5744.03
MW-1	03/10/97	5784.77	NR	41.23		5743.54
MW-1	06/06/97	5784.77	NR	41.44		5743.33
MW-1	03/30/98	5784.77	NR	41.08		5743.69
MW-1	06/04/98	5784.77	NR	41.02		5743.75
MW-1	06/15/99	5784.77	NR	41.88		5742.89
MW-1	06/19/00	5784.77	NR	40.17		5744.60
MW-1	10/02/00	5784.77	NR	40.22		5744.55
MW-1	12/05/00	5784.77	NR	40.09		5744.68
MW-1	05/30/01	5784.77	NR	40.54		5744.23
MW-1	11/26/01	5784.77	NR	41.00		5743.77
MW-1	05/15/02	5784.77	NR	41.37		5743.40
MW-1	06/10/02	5784.77	NR	41.54		5743.23
MW-1	11/04/02	5784.77	NR	41.90		5742.88
MW-1	05/21/03	5784.77	ND	41.57		5743.20
MW-1	11/15/03	5784.77	ND	41.00		5743.77
MW-1	11/16/04	5784.77	ND	40.10		5744.67
MW-1	11/08/05	5784.77	ND	40.68		5744.09
MW-1	11/08/06	5784.77	ND	42.16		5742.61
MW-1	11/29/07	5784.77	ND	42.16		5742.61
MW-1	01/25/08	5784.77	43.00	43.10	0.10	5741.75
MW-1	08/12/08	5784.77	ND	43.14		5741.63
MW-1	11/07/08	5784.77	43.24	43.32	0.08	5741.51
MW-1	02/06/09	5784.77	ND	43.12		5741.65
MW-1	05/04/09	5784.77	ND	43.22		5741.55
MW-1	08/26/09	5784.77	43.46	43.53	0.07	5741.29
MW-1	11/03/09	5784.77	ND	43.52		5741.25
MW-1	02/11/10	5784.77	ND	43.64		5741.13
MW-1	05/25/10	5784.77	ND	43.75		5741.02
MW-1	09/24/10	5784.77	ND	43.95		5740.82
MW-1	11/09/10	5784.77	43.88	43.89	0.01	5740.89
MW-1	02/01/11	5784.77	ND	44.03		5740.74
MW-1	05/03/11	5784.77	ND	44.14		5740.63
MW-1	09/27/11	5784.77	ND	44.30		5740.47
MW-1	11/16/11	5784.77	ND	44.33		5740.44
MW-1	02/16/12	5784.77	ND	44.43		5740.34
MW-1	05/07/12	5784.77	ND	44.50		5740.27
MW-1	06/04/13	5784.77	ND	44.75		5740.02
MW-1	09/09/13	5784.77	ND	44.87		5739.90
MW-1	12/13/13	5784.77	ND	44.85		5739.92

	Fogelson 4-1					
			Depth to		LNAPL	GW
			LNAPL	Depth to	Thickness	Elevation
Location	Date	TOC	(ft.)	Water (ft.)	(ft.)	(ft.)
MW-1	04/05/14	5784.77	ND	44.75		5740.02
MW-1	10/21/14	5784.77	ND	44.86		5739.91
MW-1	05/30/15	5784.77	ND	44.81		5739.96
MW-1	11/18/15	5784.77	44.91	44.91	<0.01	5739.86
MW-1	04/16/16	5784.77	45.00	45.05	0.05	5739.76
MW-1	10/14/16	5784.77	45.12	45.12	<0.01	5739.65
MW-1	06/10/17	5784.77	45.25	45.30	0.05	5739.51
MW-1	11/13/17	5784.77	45.42	45.43	0.01	5739.35
MW-1	05/05/18	5784.77	ND	45.49		5739.28
MW-1	05/17/18	5784.77	45.48	45.48	<0.01	5739.29
		∕lW-1 repla	aced with M	W-1R on 9/2	8/2018	•
MW-1R	10/28/18	5784.02	ND	48.27		5735.75
MW-1R	05/23/19	5784.02	ND	47.00		5737.02
MW-1R	11/13/19	5784.02	ND	47.32		5736.70
MW-1R	05/15/20	5784.02	ND	47.32		5736.70
MW-1R	08/18/20	5784.02	47.69	47.69		5736.33
MW-1R	11/14/20	5784.02	ND	47.45		5736.57
MW-1R	03/17/21	5784.02	ND	47.46		5736.56
MW-1R	05/22/21	5784.02	ND	47.56		5736.46
MW-1R	08/27/21	5784.02	ND	47.70		5736.32
MW-1R	11/14/21	5784.02	ND	47.84		5736.18
MW-1R	03/22/22	5784.02	ND	47.65		5736.37
MW-1R	05/21/22	5784.02	ND	47.70		5736.32
MW-1R	07/29/22	5784.02	ND	47.95		5736.07
MW-1R	10/30/22	5784.02	ND	47.99		5736.03
MW-1R	05/18/23	5784.02	ND	48.05		5735.97
MW-1R	08/31/23	5784.02	ND	48.12		5735.90
MW-1R	11/08/23	5784.02	ND	48.09		5735.93
MW-2	07/27/00	5780.03	NR	38.25		5741.78
MW-2	05/30/01	5780.03	NR	38.17		5741.76
MW-2	05/30/01	5780.03	NR	38.56		5741.47
MW-2	11/04/02	5780.03	NR	38.99		5741.47
MW-2	05/21/03	5780.03	ND	39.24		5741.03
MW-2	11/15/03	5780.03	ND	38.70		5740.79
MW-2	11/16/04	5780.03	ND	37.40		5741.34
MW-2	11/08/05	5780.03	ND	37.76		5742.03
MW-2	11/08/05	5780.03	ND	38.65	+	5742.27
MW-2	11/29/07	5780.03	ND	39.67		5740.36
MW-2	08/12/08	5780.03	ND	39.75		5740.28
MW-2	11/07/08	5780.03	ND	39.73		5740.26
IVI V V -∠	11/01/00	0100.03	טאון	18.80		10140.00

	Fogelson 4-1					
			Depth to		LNAPL	GW
			LNAPL	Depth to	Thickness	Elevation
Location	Date	TOC	(ft.)	Water (ft.)	(ft.)	(ft.)
MW-2	02/06/09	5780.03	ND	39.73		5740.30
MW-2	05/04/09	5780.03	ND	39.83		5740.20
MW-2	08/26/09	5780.03	ND	40.19		5739.84
MW-2	11/03/09	5780.03	ND	40.32		5739.71
MW-2	02/11/10	5780.03	ND	40.17		5739.86
MW-2	05/25/10	5780.03	ND	40.40		5739.63
MW-2	09/24/10	5780.03	ND	40.74		5739.29
MW-2	11/09/10	5780.03	ND	40.35		5739.68
MW-2	02/01/11	5780.03	ND	40.39		5739.64
MW-2	05/03/11	5780.03	ND	40.96		5739.07
MW-2	09/27/11	5780.03	ND	41.05		5738.98
MW-2	11/16/11	5780.03	ND	41.07		5738.96
MW-2	02/16/12	5780.03	ND	41.15		5738.88
MW-2	05/07/12	5780.03	ND	41.15		5738.88
MW-2	06/04/13	5780.03	ND	41.54		5738.49
MW-2	09/09/13	5780.03	ND	41.64		5738.39
MW-2	12/13/13	5780.03	ND	41.66		5738.37
MW-2	04/05/14	5780.03	ND	41.64		5738.39
MW-2	10/21/14	5780.03	ND	41.93		5738.10
MW-2	05/30/15	5780.03	ND	42.10		5737.93
MW-2	11/18/15	5780.03	ND	42.03		5738.00
MW-2	04/16/16	5780.03	ND	42.01		5738.02
MW-2	10/14/16	5780.03	ND	42.38		5737.65
MW-2	06/10/17	5780.03	ND	42.08		5737.95
MW-2	11/13/17	5780.03	ND	42.24		5737.79
MW-2	05/17/18	5780.03	ND	42.12		5737.91
MW-2	10/28/18	5780.03	ND	42.51		5737.52
MW-2	05/23/19	5780.03	ND	42.31		5737.72
MW-2	11/13/19	5780.03	ND	42.58		5737.45
MW-2	05/15/20	5780.03	ND	42.64		5737.39
MW-2	11/14/20	5780.03	ND	42.78		5737.25
MW-2	05/22/21	5780.03	ND	42.90		5737.13
MW-2	08/27/21	5780.03	ND	42.99		5737.04
MW-2	11/14/21	5780.03	ND	43.11		5736.92
MW-2	05/21/22	5780.03	ND	43.07		5736.96
MW-2	10/30/22	5780.03	ND	43.18		5736.85
MW-2	05/18/23	5780.03	ND	43.23		5736.80
MW-2	11/08/23	5780.03	ND	43.39		5736.64
MW-3	07/27/00	5780.83	NR	41.21		5739.62
MW-3	05/30/01	5780.83	NR	40.77		5740.06
MW-3	05/15/02	5780.83	NR	41.14		5739.69

	Fogelson 4-1					
			Depth to		LNAPL	GW
			LNAPL	Depth to	Thickness	Elevation
Location	Date	TOC	(ft.)	Water (ft.)		(ft.)
MW-3	11/04/02	5780.83	NR	41.48		5739.35
MW-3	05/21/03	5780.83	ND	41.71		5739.12
MW-3	11/15/03	5780.83	ND	41.30		5739.53
MW-3	11/16/04	5780.83	ND	40.10		5740.73
MW-3	11/08/05	5780.83	ND	40.71		5740.12
MW-3	11/08/06	5780.83	ND	41.47		5739.36
MW-3	11/29/07	5780.83	43.01	43.10	0.09	5737.80
MW-3	08/12/08	5780.83	ND	42.47		5738.36
MW-3	11/07/08	5780.83	ND	42.69		5738.14
MW-3	02/06/09	5780.83	ND	42.47		5738.36
MW-3	05/04/09	5780.83	ND	42.50		5738.33
MW-3	08/26/09	5780.83	ND	42.90		5737.93
MW-3	11/03/09	5780.83	ND	43.03		5737.80
MW-3	02/11/10	5780.83	ND	42.79		5738.04
MW-3	05/25/10	5780.83	ND	42.97		5737.86
MW-3	09/24/10	5780.83	ND	43.25		5737.58
MW-3	11/09/10	5780.83	ND	42.97		5737.86
MW-3	02/01/11	5780.83	ND	42.82		5738.01
MW-3	05/03/11	5780.83	ND	43.41		5737.42
MW-3	09/27/11	5780.83	ND	43.40		5737.43
MW-3	11/16/11	5780.83	ND	43.36		5737.47
MW-3	02/16/12	5780.83	ND	43.41		5737.42
MW-3	05/07/12	5780.83	ND	43.46		5737.37
MW-3	06/04/13	5780.83	ND	43.82		5737.01
MW-3	09/09/13	5780.83	ND	43.93		5736.90
MW-3	12/13/13	5780.83	ND	43.93		5736.90
MW-3	04/05/14	5780.83	ND	43.88		5736.95
MW-3	10/21/14	5780.83	ND	44.16		5736.67
MW-3	05/30/15	5780.83	ND	44.31		5736.52
MW-3	11/18/15	5780.83	ND	44.18		5736.65
MW-3	04/16/16	5780.83	ND	44.10		5736.73
MW-3	10/14/16	5780.83	ND	44.58		5736.25
MW-3	06/10/17	5780.83	ND	44.25		5736.58
MW-3	11/13/17	5780.83	ND	44.44		5736.39
MW-3	05/17/18	5780.83	ND	44.32		5736.51
MW-3	10/28/18	5780.83	ND	44.67		5736.16
MW-3	05/23/19	5780.83	ND	44.37		5736.46
MW-3	11/13/19	5780.83	ND	44.70		5736.13
MW-3	05/15/20	5780.83	ND	44.72		5736.11
MW-3	11/14/20	5780.83	ND	44.85		5735.98
MW-3	05/22/21	5780.83	ND	45.09		5735.74

	Fogelson 4-1					
			Depth to		LNAPL	GW
			LNAPL	Depth to	Thickness	Elevation
Location	Date	TOC	(ft.)	Water (ft.)	(ft.)	(ft.)
MW-3	08/27/21	5780.83	ND	45.22		5735.61
MW-3	11/14/21	5780.83	ND	45.30		5735.53
MW-3	05/21/22	5780.83	ND	45.30		5735.53
MW-3	10/30/22	5780.83	ND	45.34		5735.49
MW-3	05/18/23	5780.83	ND	45.32		5735.51
MW-3	11/08/23	5780.83	ND	45.45		5735.38
MW-4	06/10/17	5782.14	ND	46.36		5735.78
MW-4	11/13/17	5782.14	ND	46.49		5735.65
MW-4	05/17/18	5782.14	ND	46.49		5735.65
MW-4	10/28/18	5782.14	ND	46.74		5735.40
MW-4	05/23/19	5782.14	ND	46.67		5735.47
MW-4	11/13/19	5782.14	ND	46.75		5735.39
MW-4	05/15/20	5782.14	ND	46.83		5735.31
MW-4	11/14/20	5782.14	ND	46.95		5735.19
MW-4	05/22/21	5782.14	ND	47.03		5735.11
MW-4	08/27/21	5782.14	ND	47.05		5735.09
MW-4	11/14/21	5782.14	ND	47.07		5735.07
MW-4	05/21/22	5782.14	ND	47.13		5735.01
MW-4	10/30/22	5782.14	ND	47.12		5735.02
MW-4	05/18/23	5782.14	ND	47.12		5735.02
MW-4	11/08/23	5782.14	ND	47.39		5734.75
MW-5	06/10/17	5780.92	ND	44.21		5736.71
MW-5	11/13/17	5780.92	ND	44.49		5736.43
MW-5	05/17/18	5780.92	ND	44.56		5736.36
MW-5	10/28/18	5780.92	ND	44.74		5736.18
MW-5	05/23/19	5780.92	ND	44.73		5736.19
MW-5	11/13/19	5780.92	44.87	44.99	0.12	5736.02
MW-5	05/15/20	5780.92	44.84	45.01	0.17	5736.04
MW-5	08/18/20	5780.92	46.03	46.08	0.05	5734.88
MW-5	11/14/20	5780.92	45.06	45.10	0.04	5735.85
MW-5	03/17/21	5780.92	44.87	45.05	0.18	5736.01
MW-5	05/22/21	5780.92	45.10	45.26	0.16	5735.78
MW-5	08/27/21	5780.92	45.11	45.35	0.24	5735.75
MW-5	11/14/21	5780.92	45.03	45.72	0.69	5735.72
MW-5	03/22/22	5780.92	44.94	45.96	1.02	5735.73
MW-5	05/21/22	5780.92	45.02	45.55	0.53	5735.77
MW-5	07/29/22	5780.92	45.02	45.81	0.79	5735.70
MW-5	10/30/22	5780.92	44.96	46.14	1.18	5735.67
MW-5	03/30/23	5780.92	44.95	46.20	1.25	5735.66
MW-5	05/18/23	5780.92	45.18	45.62	0.44	5735.63

	Fogelson 4-1					
			Depth to	<u> </u>	LNAPL	GW
			LNAPL	Depth to	Thickness	Elevation
Location	Date	тос	(ft.)	Water (ft.)	(ft.)	(ft.)
MW-5	08/31/23	5780.92	45.13	45.85	0.72	5735.61
MW-5	11/08/23	5780.92	45.20	45.83	0.63	5735.56
	1				10.00	10.00.00
MW-6	06/10/17	5783.82	ND	47.78		5736.04
MW-6	11/13/17	5783.82	ND	48.03		5735.79
MW-6	05/17/18	5783.82	ND	47.85		5735.97
MW-6	10/28/18	5783.82	ND	48.11		5735.71
MW-6	05/23/19	5783.82	ND	47.48		5736.34
MW-6	11/13/19	5783.82	ND	47.92		5735.90
MW-6	05/15/20	5783.82	ND	47.85		5735.97
MW-6	11/14/20	5783.82	ND	47.94		5735.88
MW-6	05/22/21	5783.82	ND	48.06		5735.76
MW-6	08/27/21	5783.82	ND	48.20		5735.62
MW-6	11/14/21	5783.82	ND	48.37		5735.45
MW-6	05/21/22	5783.82	ND	48.19		5735.63
MW-6	10/30/22	5783.82	ND	48.38		5735.44
MW-6	05/18/23	5783.82	ND	48.43		5735.39
MW-6	11/08/23	5783.82	ND	48.49		5735.33
N 4\ A / - 7	00/40/47	T-702.05	IND	142.00		TE740.00
MW-7 MW-7	06/10/17	5783.95 5783.95	ND ND	43.89 44.09		5740.06
MW-7	05/17/18	5783.95	ND	44.09		5739.86
MW-7	10/28/18	5783.95	ND	44.12		5739.83
MW-7	05/23/19	5783.95	ND	44.33		5739.65 5739.62
MW-7	11/13/19	5783.95	ND	44.51		
MW-7	05/15/20	5783.95	ND	44.60		5739.44
MW-7	11/14/20		ND	44.76		5739.35
MW-7		5783.95	ND	44.76		5739.19
MW-7	05/22/21	5783.95				5739.11
	08/27/21	5783.95	ND	44.90 44.96		5739.05
MW-7 MW-7	05/21/22	5783.95 5783.95	ND	45.00		5738.99
			ND			5738.95
MW-7 MW-7	10/30/22	5783.95	ND	45.14		5738.81
MW-7	05/18/23	5783.95 5783.95	ND ND	45.22 45.37		5738.73
IVIVV-/	11/00/23	10100.95	טאון	4 0.3 <i>1</i>		5738.58
MW-8	10/28/18	5784.44	ND	43.30		5741.14
MW-8	05/23/19	5784.44	ND	42.65		5741.79
MW-8	11/13/19	5784.44	ND	42.65		5741.79
MW-8	05/15/20	5784.44	ND	42.54		5741.90
MW-8	11/14/20	5784.44	ND	42.88		5741.56
MW-8	05/22/21	5784.44	ND	44.05		5740.39
MW-8	08/27/21	5784.44	ND	44.22		5740.22
MW-8	11/14/21	5784.44	ND	44.51		5739.93

	Fogelson 4-1					
			Depth to		LNAPL	GW
			LNAPL	Depth to	Thickness	Elevation
Location	Date	TOC	(ft.)	Water (ft.)	(ft.)	(ft.)
MW-8	05/21/22	5784.44	ND	44.39		5740.05
MW-8	10/30/22	5784.44	ND	44.28		5740.16
MW-8	05/18/23	5784.44	ND	44.45		5739.99
MW-8	11/08/23	5784.44	ND	44.64		5739.80
MW-9	10/28/18	5784.19	ND	49.66		5734.53
MW-9	05/23/19	5784.19	ND	49.41		5734.78
MW-9	11/13/19	5784.19	ND	49.48		5734.71
MW-9	05/15/20	5784.19	ND	49.52		5734.67
MW-9	11/14/20	5784.19	ND	49.61		5734.58
MW-9	05/22/21	5784.19	ND	49.85		5734.34
MW-9	08/27/21	5784.19	ND	49.67		5734.52
MW-9	11/14/21	5784.19	ND	49.71		5734.48
MW-9	05/21/22	5784.19	ND	49.72		5734.47
MW-9	10/30/22	5784.19	ND	49.71		5734.48
MW-9	05/18/23	5784.19	ND	49.69		5734.50
MW-9	11/08/23	5784.19	ND	49.82		5734.37
MW-10	05/21/22	5783.11	ND	48.72		5734.39
MW-10	10/30/22	5783.11	ND	48.50		5734.61
MW-10	05/18/23	5783.11	ND	48.58		5734.53
MW-10	11/08/23	5783.11	48.78	48.68	0.10	5734.51
MW-11	10/30/22	5782.08	ND	57.33		5724.75
MW-11	05/18/23	5782.08	ND	50.18		5731.90
MW-11	11/08/23	5782.08	ND	50.16		5731.92

Notes:

Groundwater elevation = Top of Casing elevation (TOC, ft) - Depth to Water [ft] + (LPH thickness [ft] x 0.75). A specific gravity of 0.75 is within the range of gas condensate (https://www.sciencedirect.com/topics/earth-and-planetary-sciences/gas-condensate)

[&]quot;ft" = feet

[&]quot;TOC" = Top of casing

[&]quot;LNAPL" = light non-aqueous phase liquid

[&]quot;ND" = LNAPL not detected

[&]quot;NR" = LNAPL not recorded

FIGURES

FIGURE 1: SITE LOCATION

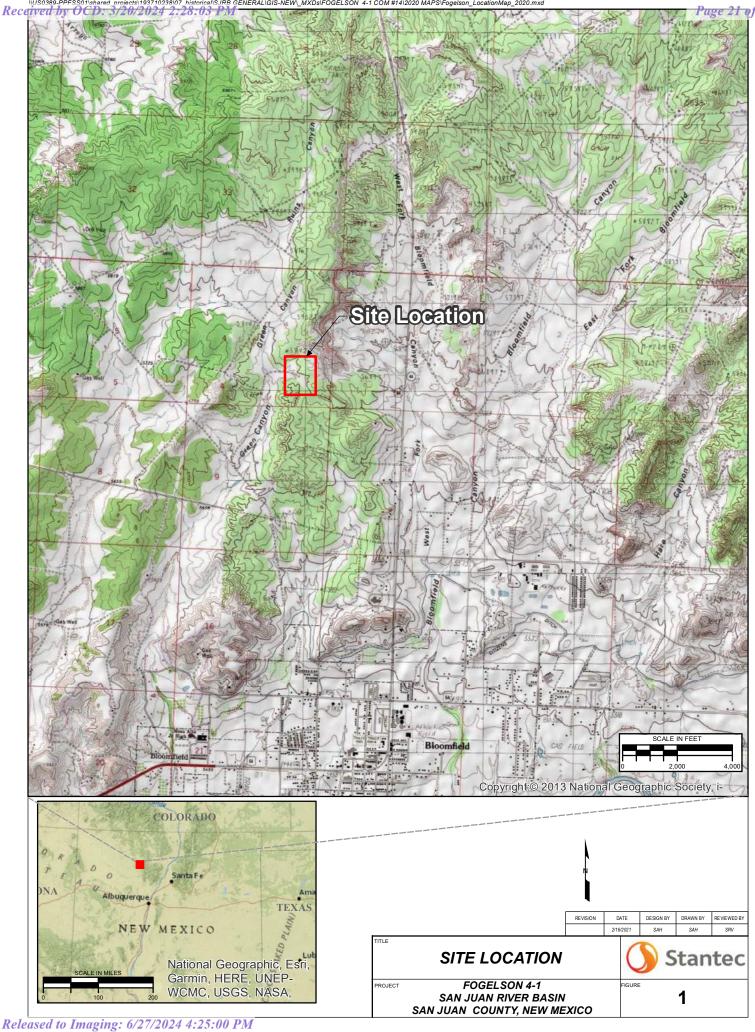
FIGURE 2: SITE PLAN

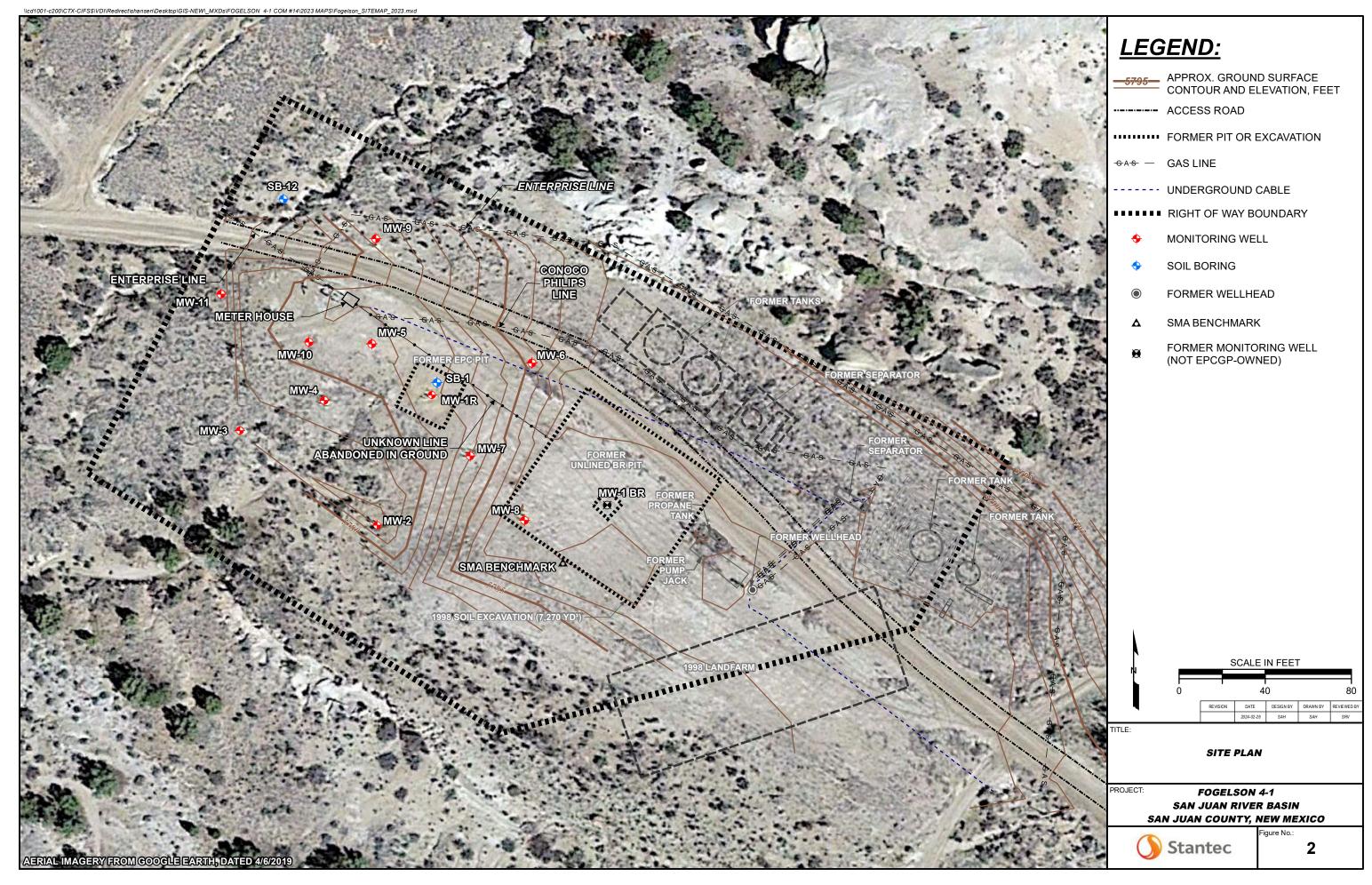
FIGURE 3: GROUNDWATER ANALYTICAL RESULTS – MAY 18, 2023

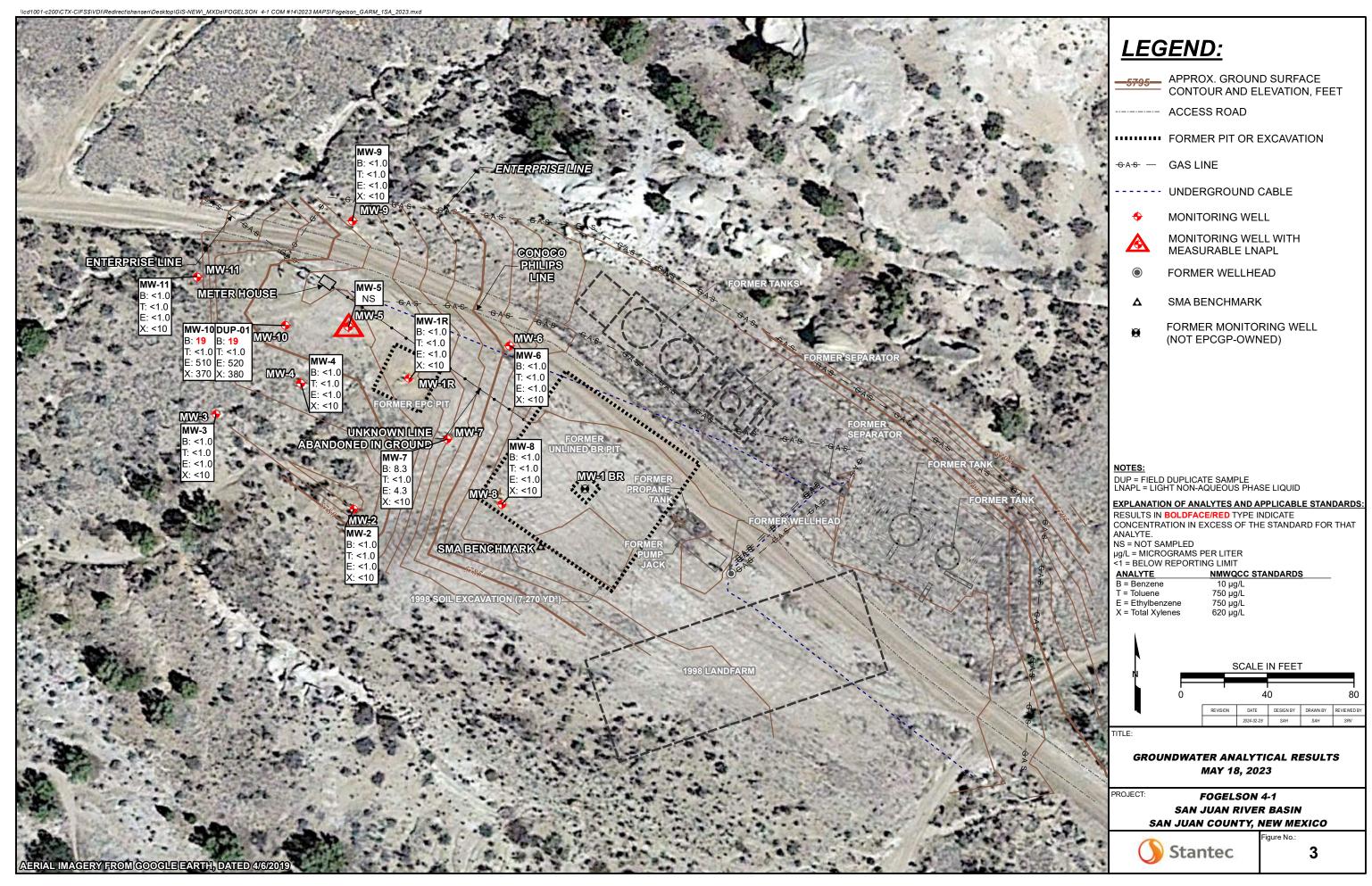
FIGURE 4: GROUNDWATER ELEVATION MAP – MAY 18, 2023

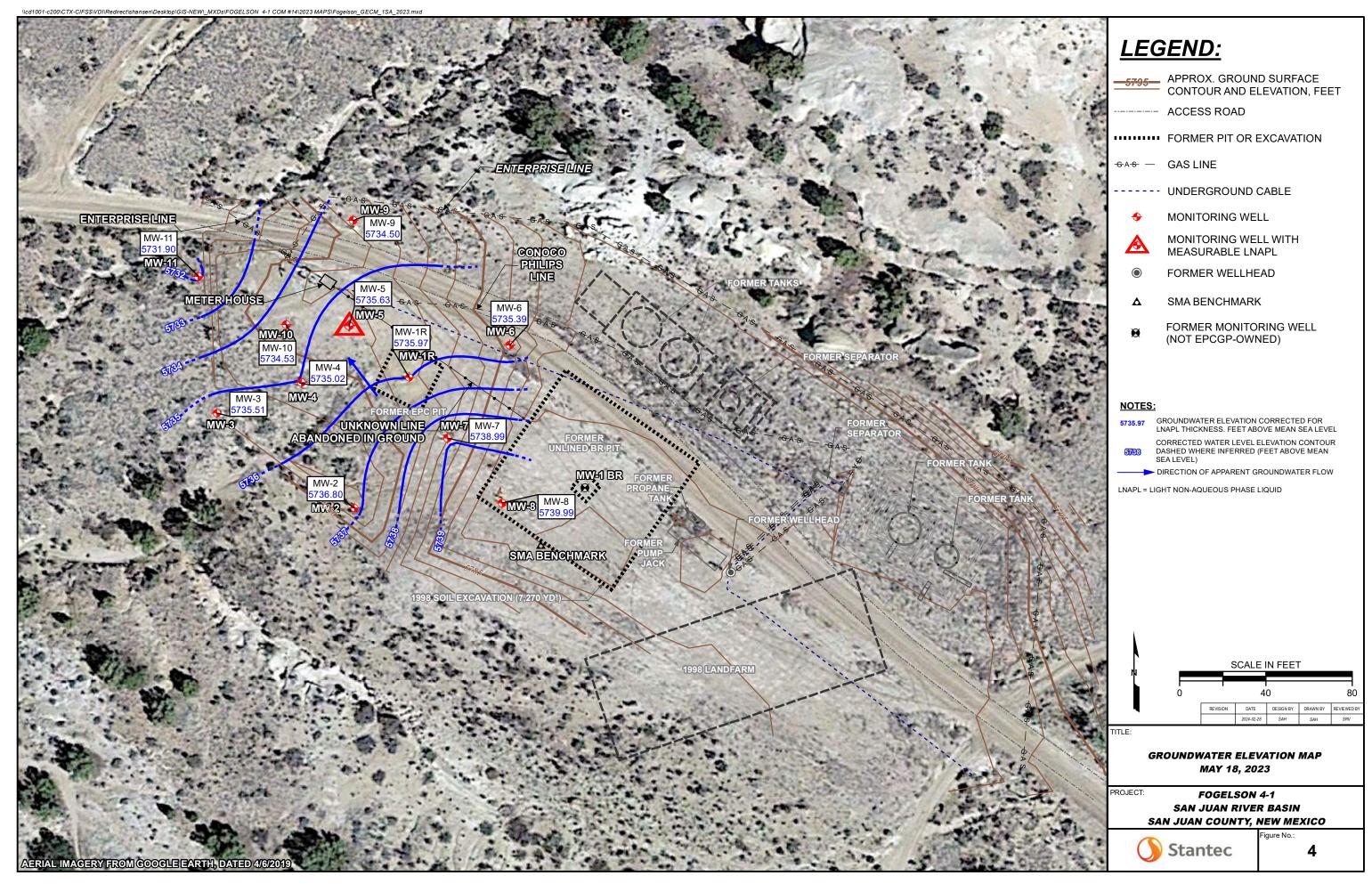
FIGURE 5: GROUNDWATER ANALYTICAL RESULTS – NOVEMBER 8, 2023

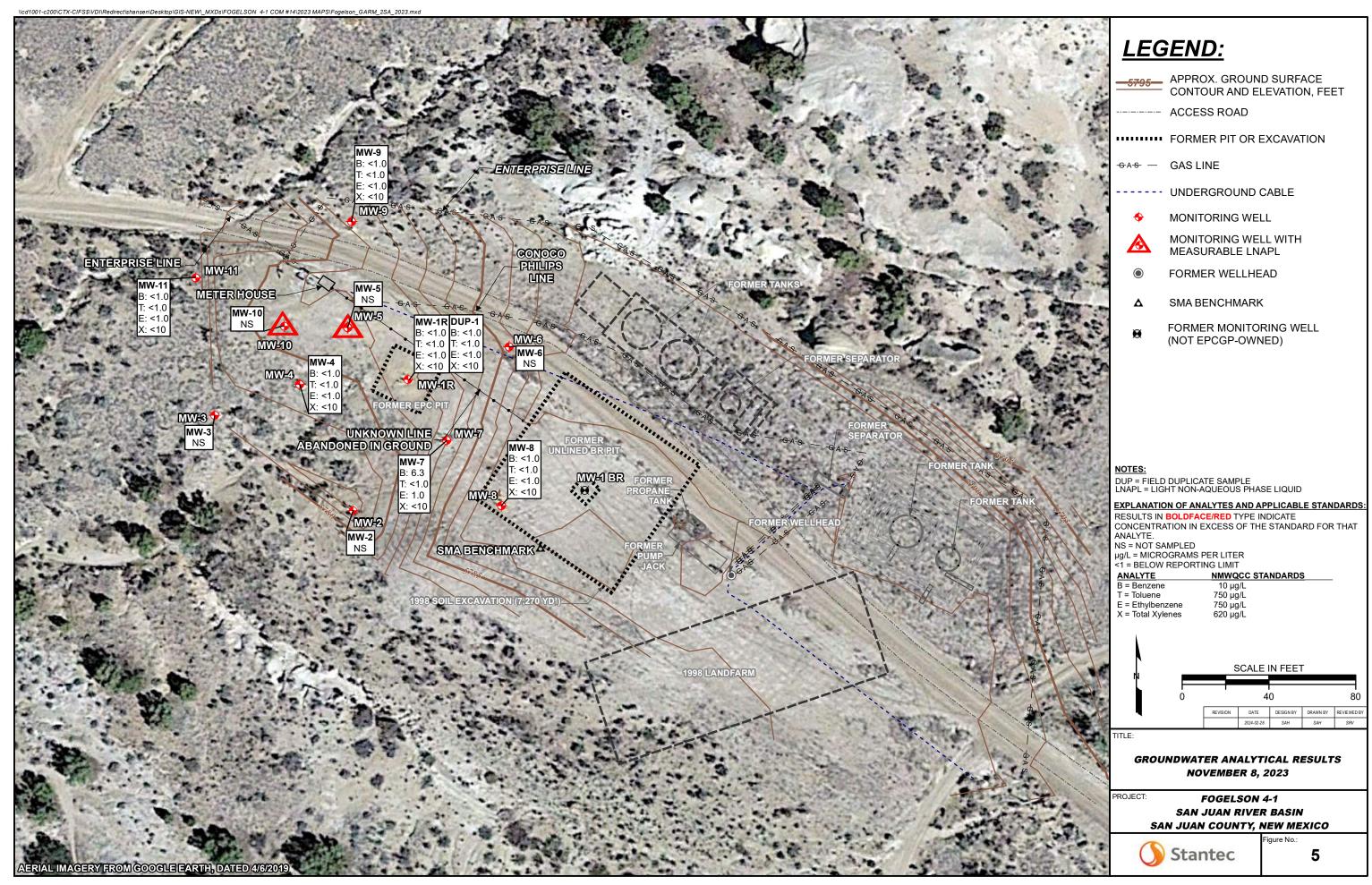
FIGURE 6: GROUNDWATER ELEVATION MAP – NOVEMBER 8, 2023

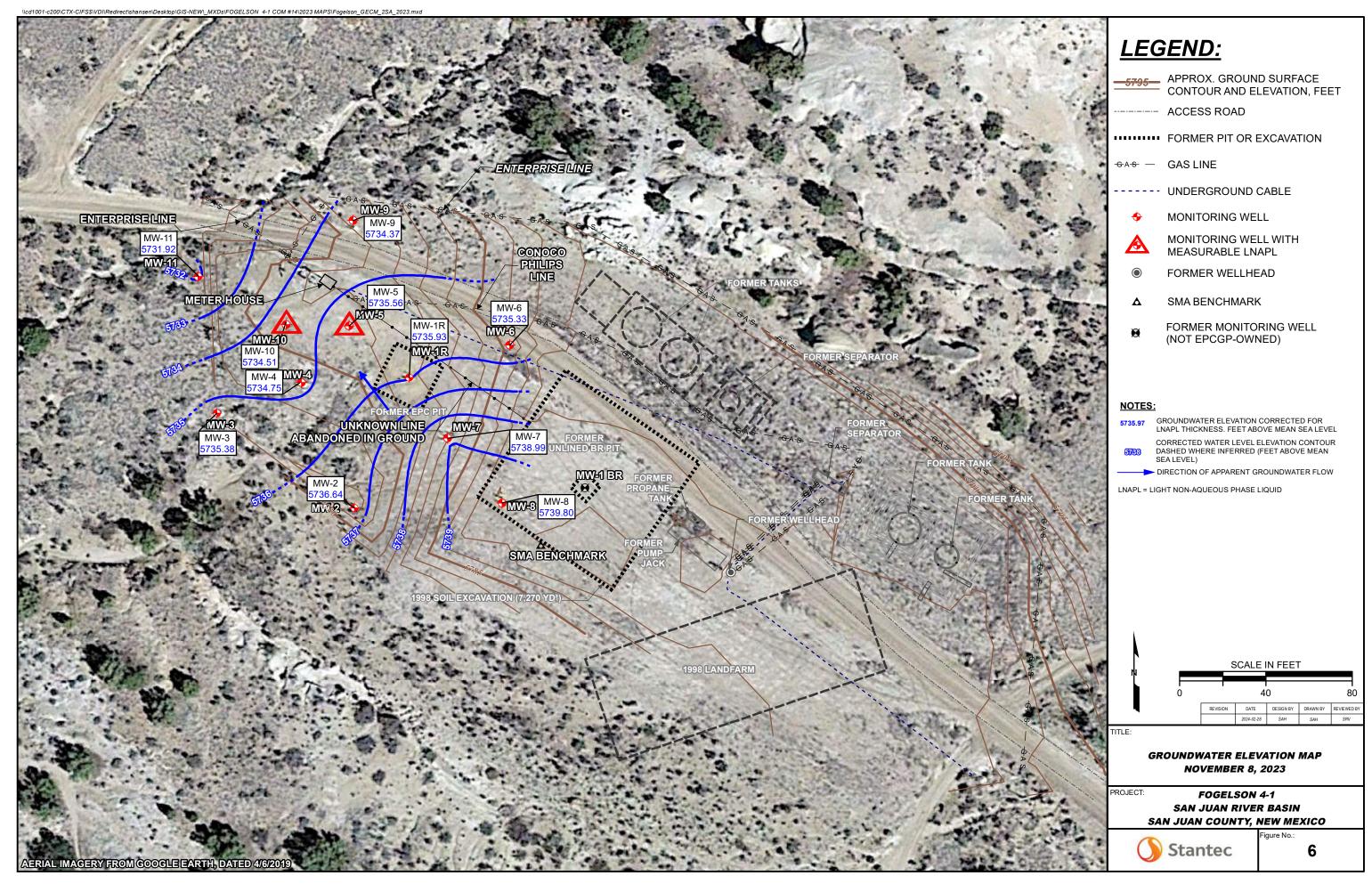












APPENDICES

APPENDIX A – SITE HISTORY

APPENDIX B – NMOCD NOTIFICATION OF SITE ACTIVITIES

APPENDIX C – WASTE DISPOSAL DOCUMENTATION

APPENDIX D – GROUNDWATER ANALYTICAL LAB REPORTS

APPENDIX A

Site History

Stanted

Date	Source (Regulatory File #)	Event/Action	Description/Comments
1/1962	API # 30-045-08664	Sundry Notices on Well	Drill rig released 12/5/1961.
2/2/1962	API # 30-045-08664	Log of Oil or Gas Well	Drilling ended 12/5/1961. International Oil Company is owner.
11/13/1970	API # 30-045-08664	Sundry Notice	Well operator listed as Beta Development Company
12/22/1988	API # 30-045-08664	Request for Allowable and Authorization to Transport	Well operator is Meridian Oil Company
9/16/1995	Unknown	EPFS Remediation Plan for Groundwater Encountered During Pit Closure Activities to NMOCD	Outlines approach to investigating and remediating soil and groundwater at closed pit sites.
11/29/1995	Unknown	EPFS Addendum to the Remediation Plan for Groundwater Encountered During Pit Closure Activities to NMOCD	Amends work plan for include installation of additional wells for delienation, define groundwater sampling parameters, and release closure following four consecutive quarters of results below NMWQCC standards.
11/30/1995	Unknown	NMOCD approval of the Remediation Plan with conditions	Approval of Remediation Plan and Addendum.
7/11/1996	API # 30-045-08664	Request for Allowable and Authorization to Transport	Well operator is Burlington Resources
6/2/1997	Missing from NMOCD files	Letter from EPFS to NMOCD	Groundwater encountered in exempt hydrocarbon unlined pits. Depth to water 21.8-28.8 feet at site. EPFS requests to submit annual reports.
8/6/1997	Missing from NMOCD files	NMOCD approval letter for the 6/2/1997 Semiannual Groundwater Report (EPFS)	Approval of semi-annual report.
2/27/1998	nAUTOfAB000193 (Case # 3RP-174)	Semi-annual EPFS Pit Projects Groundwater Report	Lists pits where groundwater was encountered.

7/8/1998	nAUTOfAB000193 (Case # 3RP-174)	NMOCD review letter	Approves modifying reporting schedule from semi-annual to annual basis
7/9/1998	nAUTOfAB000192 (Case # 3RP-68)	Letter from NMOCD to Burlington Resources	NMOCD requires BR begin implementation of their previously approved pit closure plan at the sites listed below.
9/10/1998	nAUTOfAB000192 (Case # 3RP-68)	Letter from NMOCD to BR	NMOCD approved Groundwater Remediation Work Plan
11/10/1998	nAUTOfAB000192 (Case # 3RP-68)	Report of Environmental Cleanup Excavation from Agra Earth and Environmental to Phillip Environmental Services	11/1998 excavation of Burlington Resources pit.
3/31/1999	nAUTOfAB000193 (Case # 3RP-174)	Philip Environmental 1998 Annual Report (for EPFS)	Quarterly groundwater sampling.
7/30/1999	nAUTOfAB000192 (Case # 3RP-68)	BR letter to NMOCD (Notification of Groundwater Above Chloride Standard)	MW-1 installed in the former pit in May 1999. BR proposed to install a temporary MW upgradient of operations at the site.
9/16/1999	nAUTOfAB000192 (Case # 3RP-68)	Letter from NMOCD to BR	NMOOCD reviewed BR's 7/30/1999 Notification and Work Plan.
3/24/2000	nAUTOfAB000193 (Case # 3RP-174)	Philip Environmental 1999 Annual Report (for EPFS)	Summarizes pit closure, monitoring well MW-1 and piezometer installation, and groundwater sampling activities.
3/29/2000	nAUTOfAB000192 (Case # 3RP-68)	BR letter and 1999 Annual Report	upgradient monitoring well installation unsuccessful (auger refusal).
2/26/2001	nAUTOfAB000193 (Case # 3RP-174)	Philip Environmental 2000 Annual Report (for EPFS)	Additional monitoring wells MW-2 and MW-3 were installed. Quarterly groundwater sampling.
3/27/2001	nAUTOfAB000192 (Case # 3RP-68)	BR letter and 2000 Annual Report	BR collected GW samples for six quarters.
7/18/2001	nAUTOfAB000193 (Case # 3RP-174)		NMOCD requests that EPFS work cooperatively with the operator to investigate and remediate contaminated groundwater.
2/28/2002	nAUTOfAB000193 (Case # 3RP-174)	MWH 2001 Annual Report (for EPFS)	Annual and semi-annual groundwater sampling. ORC socks installed in MW-1 to oxygenate the source area.
2/28/2003	nAUTOfAB000193 (Case # 3RP-174)	MWH 2002 Annual Report (for EPFS)	Semi-annual groundwater sampling.
	·		

2/26/2004	nAUTOfAB000193 (Case # 3RP-174)	MWH 2003 Annual Report (for EPFS)	Semi-annual groundwater monitoring.
2/21/2005	nAUTOfAB000192 (Case # 3RP-68)	MWH 2004 Annual Groundwater Report (for EPTPC)	Annual groundwater monitoring.
3/2/2006	nAUTOfAB000192 (Case # 3RP-68)	MWH 2005 Annual Groundwater Report (for EPTPC)	Annual groundwater monitoring.
2/16/2007	nAUTOfAB000192 (Case # 3RP-68)	MWH 2006 Annual Report (for EPTPC)	Annual groundwater monitoring.
4/2/2008	nAUTOfAB000192 (Case # 3RP-68)	MWH 2007 Annual Groundwater Report (for EPTPC)	LNAPL detected in MW-1. Absorbent sock installed in MW-1
2/28/2009	nAUTOfAB000192 (Case # 3RP-68)	MWH 2008 Annual Groundwater Report (for EPTPC)	LNAPL recovery & groundwater monitoring
4/16/2010	nAUTOfAB000192 (Case # 3RP-68)	MWH 2009 Annual Report (for EPTPC)	Annual groundwater sampling. Quarterly LNAPL recovery at MW-1.
3/2/2011	nAUTOfAB000192 (Case # 3RP-68)	MWH 2010 Annual Report (for EPTPC)	Annual groundwater sampling. Quarterly LNAPL recovery at MW-1.
4/11/2011	API # 30-045-08664	Application for Closure of a Pit	Above ground steel tank closed 3/28/2011.
8/16/2012	nAUTOfAB000192 (Case # 3RP-68)	MWH 2011 Annual Report - Pit Groundwater Remediation (for EPCGP)	Annual groundwater sampling and quarterly LNAPL recovery.
2/24/2014	API # 30-045-08664	Sundry Notice	Submission was a subsequent report for plug and abandon. Production well was P/A 1/30/2014.
3/4/2014	nAUTOfAB000192 (Case # 3RP-68)	MWH 2013 Annual Groundwater Report (for EPCGP)	Groundwater monitoring activities.
5/28/2014	nAUTOfAB000192 (Case # 3RP-68)	MWH 2014 Monitoring Well Installation Work Plan (for EPCGP)	Four additional monitoring wells proposed.
2/2/2015	nAUTOfAB000192 (Case # 3RP-68)	MWH 2014 Annual Groundwater Report (for EPCGP)	Semi-annual groundwater monitoring. Update on BLM ROW permits for monitoring well installations.
	•		1

2/11/2016	Not in NMOCD files	MWH 2015 Annual Gorundwater Report (for EPCGP)	semi-annual groundwatre sampling and LNAPL recovery.
4/21/2016	API # 30-045-08664	Sundry Notice	Burlington Resources completed the final reclamation on 1/18/2016 w/seeding completed on 2/22/2016.
3/20/2017	nAUTOfAB000192 (Case # 3RP-68)	Stantec 2016 Annual Groundwater Report (for EPCGP)	Annual groundwater monitoring activities. LNAPL detected at MW-1. Installation of additional monitoring wells is planned, after establishment of a right-of-way with BLM.
3/15/2017	nAUTOfAB000192 (Case # 3RP-68)	Stantec 2017 Monitoring Well Installation Work Plan (for EPCGP)	Work Plan replaces the monitoring well installation work plan dated May 28, 2014, which was not implemented.
6/2/2017	nAUTOfAB000192 (Case # 3RP-68)	Letter from NMOCD to EPCGP.	Remediation plan requested.
7/19/2017	nAUTOfAB000192 (Case # 3RP-68)	Response letter from EPCGP to NMOCD	Additional groundwater monitoring is planned in 2017.
3/28/2018	nAUTOfAB000192 (Case # 3RP-68)	Stantec 2017 Annual Groundwater Report (for EPCGP)	Monitoring wells MW-4 through MW-7 installed, soil boring SB-1 advanced in the former pit, semi-annual groundwater sampling.
3/28/2019	Not in NMOCD files	Stantec 2018 Annual Groundwater Report (for EPCGP)	MDPE event conducted at MW-1. Two new monitoring wells installed (MW-8 and MW-9). Semi-annual groundwater monitoring activities.
4/1/2020	Not in NMOCD files	Stantec 2019 Annual Groundwater Report (for EPCGP)	Semi-annual groundwater monitoring activities and LNAPL recovery.
1/5/2021	Not in NMOCD files	Letter from EPCGP to NMOCD	Work Plan for MDPE activities for LNAPL recovery.
4/8/2021	nAUTOfAB000192	Stantec 2020 Annual Groundwater Report (for EPCGP)	Semi-annual groundwater monitoring. Quarterly LNAPL recovery.
8/19/2021	nAUTOfAB000192	Stantec LNAPL Recovery Work Plan	MDPE activities proposed at monitoring well MW-5, where measurable LNAPL is present.
3/30/2022	nAUTOfAB000192	Stantec 2021 Annual Groundwater Report (for EPCGP)	Semi-annual groundwater monitoring activities. MDPE event at MW-5.

3/22/2022	nAUTOfAB000192	Stantec Monitoring Well Installation Activities Work Plan	Work Plan proposed the installation of one monitoring well, MW-10, at the Site.
9/27/2022	nAUTOfAB000192	Installation Activities Work	Work Plan proposed methodology for installation of two monitoring wells; MW-11 and MW-12.
3/22/2023	nAUTOfAB000192		Three new monitoring wells installed (MW-10, MW-11, MW-12) and SB-13 advanced. Semi- annual groundwater monitoring activities. Quarterly LNAPL recovery.

APPENDIX B

NMOCD Notification of Site Activities

Stanted

From: Mitch Killough

To: <u>Varsa, Steve</u>; <u>Clara Cardoza</u>

Subject: RE: [EXTERNAL] Notice of upcoming El Paso CGP work

Date: Thursday, August 17, 2023 3:12:37 PM

Hi Steve. I let the Area foremen know. Thanks for the heads up.

Mitch Killough Hilcorp Energy Company 713-757-5247 (Office) 281-851-2338 (Mobile)

From: Varsa, Steve <steve.varsa@stantec.com>
Sent: Wednesday, August 16, 2023 7:17 PM

To: Mitch Killough <mkillough@hilcorp.com>; Clara Cardoza <ccardoza@hilcorp.com>

Subject: [EXTERNAL] Notice of upcoming El Paso CGP work

CAUTION: External sender. DO NOT open links or attachments from UNKNOWN senders.

Hi Mitch and Carla – just a heads-up that we will be doing activities at the following sites:

Fogelson #4-1 – routine free product recovery: 8/31/2023

James F. Bell #1E – mobile dual-phase extraction: 8/23, 24, and 25/2023

Johnston Federal #4 – routine free product recovery: 8/30/2023

Johnston Federal #6A – routine groundwater sampling: 8/30/2023

State Gas Com N#1 – routine free product recovery: 8/29/2023

Thank you, Steve

Stephen Varsa, P.G., R.G.

Principal Hydrogeologist Stantec Environmental Services 11311 Aurora Avenue Des Moines, Iowa 50322 Direct: (515) 251-1020

Cell: (515) 710-7523 Office: (515) 253-0830 steve.varsa@stantec.com

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From: <u>Varsa, Steve</u>

To: nelson.valez@state.nm.us
Cc: Bratcher, Mike, EMNRD; Wiley, Joe

Bcc: <u>Varsa, Steve</u>

Subject: El Paso CGP Company - Notice of upcoming product recovery activities

Date: Wednesday, August 16, 2023 1:56:00 PM

Hi Nelson -

This correspondence is to provide notice to the NMOCD of upcoming quarterly product recovery activities at the following EPCGP project sites:

Site Name	Incident Number	Sample Date
Canada Mesa #2	nAUTOfAB000065	8/27/2023
Fields A#7A	nAUTOfAB000176	8/30/2023
Fogelson 4-1	nAUTOfAB000192	8/31/2023
Gallegos Canyon Unit #124E	nAUTOfAB000205	8/31/2023
James F. Bell #1E	nAUTOfAB000291	8/25/2023
Johnston Fed #4	nAUTOfAB000305	8/30/2023
K27 LDO72	nAUTOfAB000316	8/31/2023
State Gas Com N #1	nAUTOfAB000668	8/29/2023

Please feel free to contact Joe Wiley, Project Manager at EPCGP, or me, if you need further information.

Thank you, Steve

Stephen Varsa, P.G., R.G.

Principal Hydrogeologist Stantec Environmental Services 11311 Aurora Avenue Des Moines, Iowa 50322

Direct: (515) 251-1020 Cell: (515) 710-7523 Office: (515) 253-0830 steve.varsa@stantec.com

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To: Mitch Killough; ccardoza@hilcorp.com

Subject: Notice of upcoming El Paso CGP work

Date: Wednesday, March 22, 2023 10:17:39 PM

Hi Mitch and Carla – just a heads up that we will be doing routine gauging and product recovery and/or groundwater sampling activities at the following sites:

Fogelson #4-1: 3/29/2023 James F. Bell #1E: 3/29/2023 Johnston Federal #4: 3/30/2023 Johnston Federal #6A: 3/30/2023 State Gas Com N#1: 3/29/2023

Thank you, Steve

Stephen Varsa, P.G., R.G.

Principal Hydrogeologist Stantec Environmental Services 11311 Aurora Avenue Des Moines, Iowa 50322 Direct: (515) 251-1020

Cell: (515) 710-7523 Office: (515) 253-0830 steve.varsa@stantec.com

To: <u>nelson.valez@state.nm.us</u>

Subject: FW: El Paso CGP Company - Notice of upcoming product recovery activities

Date: Wednesday, March 22, 2023 9:51:09 PM

From: Varsa, Steve <steve.varsa@stantec.com>
Sent: Wednesday, March 22, 2023 9:33 PM

To: nelson.valez@state.nm

Cc: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Wiley, Joe

<joe_wiley@kindermorgan.com>

Subject: El Paso CGP Company - Notice of upcoming product recovery activities

Hi Nelson -

This correspondence is to provide notice to the NMOCD of upcoming quarterly product recovery activities at the following EPCGP project sites:

Site Name	Incident Number	Sample Date
Canada Mesa #2	nAUTOfAB000065	3/28/2023
Fields A#7A	nAUTOfAB000176	3/29/2023
Fogelson 4-1	nAUTOfAB000192	3/29/2023
Gallegos Canyon Unit #124E	nAUTOfAB000205	3/28/2023
James F. Bell #1E	nAUTOfAB000291	3/29/2023
Johnston Fed #4	nAUTOfAB000305	3/30/2023
K27 LDO72	nAUTOfAB000316	3/28/2023
Lateral L-40	nAUTOfAB000335	3/29/2023
State Gas Com N #1	nAUTOfAB000668	3/29/2023

Please feel free to contact Joe Wiley, Project Manager at EPCGP, or me, if you need further information.

Thank you, Steve

Stephen Varsa, P.G., R.G.

Principal Hydrogeologist Stantec Environmental Services 11311 Aurora Avenue Des Moines, Iowa 50322

Direct: (515) 251-1020 Cell: (515) 710-7523 Office: (515) 253-0830 steve.varsa@stantec.com

To: Mitch Killough; ccardoza@hilcorp.com
Subject: Notice of upcoming El Paso CGP work
Date: Friday, May 12, 2023 10:52:01 PM

Hi Mitch and Carla – just a heads up that we will be doing routine groundwater sampling activities at the following sites:

Fogelson #4-1: 5/18/2023 James F. Bell #1E: 5/18/2023 Johnston Federal #4: 5/19/2023 Johnston Federal #6A: 5/19/2023 Standard Oil Com #1: 5/20/2023 State Gas Com N#1: 5/22/2023

Thank you, Steve

Stephen Varsa, P.G., R.G.

Principal Hydrogeologist Stantec Environmental Services 11311 Aurora Avenue Des Moines, Iowa 50322 Direct: (515) 251-1020 Cell: (515) 710-7523

Office: (515) 710-7523 Office: (515) 253-0830 <u>steve.varsa@stantec.com</u>

To: nelson.valez@state.nm.us
Cc: Bratcher, Mike, EMNRD; Wiley, Joe

Subject: El Paso CGP Company - Notice of upcoming groundwater sampling activities

Date: Friday, May 12, 2023 9:54:16 PM

Hi Nelson -

This correspondence is to provide notice to the NMOCD of upcoming semi-annual groundwater sampling and monitoring activities at the following EPCGP project sites:

Site Name	Incident Number	Sample Date
Canada Mesa #2	nAUTOfAB000065	5/20/2023
Fields A#7A	nAUTOfAB000176	5/21/2023
Fogelson 4-1	nAUTOfAB000192	5/18/2023
Gallegos Canyon Unit #124E	nAUTOfAB000205	5/17/2023
GCU Com A #142E	nAUTOfAB000219	5/21/2023
James F. Bell #1E	nAUTOfAB000291	5/18/2023
Johnston Fed #4	nAUTOfAB000305	5/19/2023
Johnston Fed #6A	nAUTOfAB000309	5/19/2023
K27 LDO72	nAUTOfAB000316	5/20/2023
Knight #1	nAUTOfAB000324	5/17/2023
Lateral L 40 Line Drip	nAUTOfAB000335	5/21/2023
Sandoval GC A #1A	nAUTOfAB000635	5/19/2023
Standard Oil Com #1	nAUTOfAB000666	5/20/2023
State Gas Com N #1	nAUTOfAB000668	5/22/2023

We also plan to conduct quarterly operation and maintenance activities on the Knight #1 air sparge/soil vapor extraction system (Incident number nAUTOAB000324) on Wednesday, May 17, 2023.

Please feel free to contact Joe Wiley, Project Manager at EPCGP, or me, if you need further information.

Thank you, Steve

Stephen Varsa, P.G., R.G.

Principal Hydrogeologist Stantec Environmental Services 11311 Aurora Avenue Des Moines, Iowa 50322 Direct: (515) 251-1020

Cell: (515) 710-7523 Office: (515) 253-0830 steve.varsa@stantec.com

To: Mitch Killough; ccardoza@hilcorp.com

Subject: Notice of upcoming El Paso CGP work

Date: Thursday, November 2, 2023 6:45:57 AM

Hi Mitch and Carla – just a heads up that we will be doing routine groundwater sampling activities at the following sites:

Fogelson #4-1: 11/8/2023 James F. Bell #1E: 11/15/2023 Johnston Federal #4: 11/11/2023 Johnston Federal #6A: 11/11/2023 Standard Oil Com #1: 11/12/2023 State Gas Com N#1: 11/10/2023

Thank you, Steve

Stephen Varsa, P.G., R.G.

Principal Hydrogeologist Stantec Environmental Services 11311 Aurora Avenue Des Moines, Iowa 50322 Direct: (515) 251-1020

Cell: (515) 710-7523 Office: (515) 253-0830 steve.varsa@stantec.com

To: nelson.valez@state.nm.us
Cc: Bratcher, Mike, EMNRD; Wiley, Joe

Subject: El Paso CGP Company - Notice of upcoming groundwater sampling activities

Date: Thursday, November 2, 2023 6:17:33 AM

Hi Nelson -

This correspondence is to provide notice to the NMOCD of upcoming semi-annual groundwater sampling and monitoring activities at the following EPCGP project sites:

Site Name	Incident Number	Sample Date
Canada Mesa #2	nAUTOfAB000065	11/12/2023
Fields A#7A	nAUTOfAB000176	11/15/2023
Fogelson 4-1	nAUTOfAB000192	11/8/2023
Gallegos Canyon Unit #124E	nAUTOfAB000205	11/9/2023
GCU Com A #142E	nAUTOfAB000219	11/9/2023
James F. Bell #1E	nAUTOfAB000291	11/15/2023
Johnston Fed #4	nAUTOfAB000305	11/11/2023
Johnston Fed #6A	nAUTOfAB000309	11/11/2023
K27 LDO72	nAUTOfAB000316	11/12/2023
Knight #1	nAUTOfAB000324	11/7/2023
Lateral L 40 Line Drip	nAUTOfAB000335	11/16/2023
Sandoval GC A #1A	nAUTOfAB000635	11/11/2023
Standard Oil Com #1	nAUTOfAB000666	11/12/2023
State Gas Com N #1	nAUTOfAB000668	11/10/2023

We also plan to conduct quarterly operation and maintenance activities on the Knight #1 air sparge/soil vapor extraction system (Incident number nAUTOAB000324) on Tuesday, November 7, 2023

Please feel free to contact Joe Wiley, Project Manager at EPCGP, or me, if you need further information.

Thank you, Steve

Stephen Varsa, P.G., R.G.

Principal Hydrogeologist Stantec Environmental Services 11311 Aurora Avenue Des Moines, Iowa 50322 Direct: (515) 251-1020 Cell: (515) 710-7523

Cell: (515) 710-7523 Office: (515) 253-0830 <u>steve.varsa@stantec.com</u>

APPENDIX C

Waste Disposal Documentation

Stantec -

Bill of Lading

							TRANSP	ORTER	<u>vvirote</u>	<u>ch</u>	
PHONE	E: (505) 632-0615 • :	5796 U.S. HIGHWAY 64	FARMING	ITON, NEV	V MEXICO	87401	DATE 🗲	122 12023	JOB#_	14073-0073	
LOAD		COMPLETE DESCRIPT				1	TRANSPORTING COMPANY				
NO.	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE	
1	BF	Contaminated Water				j		992/	1550	Aust Toute	
						1			· 		
. <u> </u>		-						<u> </u>	<u>.</u>		
			-						,		
					<u>/</u>						
									SCA	anineD)	
						:					
RESULT		LANDFARM EMPLOYEE	March	& 11	/		NOTE	s Sunctian t	ver Plank	Blanco N. Flage, a	
-251	CHLORIDE TEST CHLORIDE TEST	☐ Soil w/ Debris ☑ Af	lonely	My L	L □ Serano (Tut □ Wash ∩		numerous,	of sites.		
	CHLORIDE TEST			<u> </u>				location has n	ot been adder	to or tampered with.	

certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed

Into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.

Received by OCD: 3/20/2024 2:28:03 PM

PASS

PAINT FILTER TEST

Generator Onsite Contact

Signatures required prior to distribution of the legal document. DISTRIBUTION: White - Company Records / Billing Yellow - Customer



NVIROTECH BOL# 79427 CHLORIDE TESTING / PAINT FILTER TESTING

DATE	5/22/	2023	TIME	1550	Attach test strip here
CUSTOM	ER	Kinde	er Morgan)	
SITE		BioVi	ista Comp	Station	Si River Plant
DRIVER		- Rus	Liver	les	SIFES
SAMPLE		Soil S	Straight	With Dirt	
CHLORIE	DE TEST	-281	mg/Kg		8
ACCEPTI	ED	YES _		NO _	
PAINT FI	LTER TEST	Time started	1560,	Time completed	1600
PASS		YES		/ NO _	2
SAMPLE	R/ANALYST	_Men	white		
5796 US Hwy	64, Farmington, N	// IM 87401∥ Ph (505) 6	632-0615 Fr (800) 362-187	9 Fx (505) 632-1865 info	@envirotech-inc.com envirotech-inc.com



Bill of Lading

MANIFEST # 78476

GENERATOR KINDER MORGON

POINT OF ORIGIN ELPOSO PIT SITES

TRANSPORTER Envirotech

								TRANSP	ORTER E	rvivoted	h	
PHONE	: (505) 632-0615 •	5796 I	U.S. HIGHWAY 64 •	FARMING	STON, NE	W MEXICO	87401	DATE O		3_ JOB#_	14073-0673	
LOAD			COMPLETE DESCRIPTION	ON OF SHIP	PMENT			TRANSPORTING COMPANY				
NO.	DESTINATION		MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE	
	BF	7	ankbottoms			1			991	1130	by Gary R	
								3				
RESULT	S		LANDFARM	1	11			NOTE	S			
-281	CHLORIDE TEST	1	EMPLOYEE /	ALL	1KA/	mso	20					
	CHLORIDE TEST		☐ Soil w/ Debris ☐ After	Hours/Wee				ut				
	CHLORIDE TEST		By signing as the driv	er/transpo	orter, I certi	fy the mater	rial hauled fro	om the above	location has	not been added	I to or tampered with. I	
Pass	PAINT FILTER TEST	1	certify the material is into the load. Landfar	from the memory	above men e signature	tioned Gene is certifica	rator/Point o	f Origin and to	hat no additio peing received	nal material ha	s been added or mixed	
Generate	or Onsite Contact								Pho			

DISTRIBUTION: White - Company Records / Billing Yellow - Customer

Signatures required prior to distribution of the legal document.

Pink - LF Copy



CHLORIDE TESTING / PAINT FILTER TESTING

0.12	OTTIBL TECTHICAT		N 53 N 53
DATE 03/2	1/23 TIME	1130	Attach test strip here
CUSTOMER	Kinder Morga	27	9
SITE	ELPOSO Pit	sites	in the second
DRIVER	by Gary Robinson		
SAMPLE	Soil Straight	With Dirt	8
CHLORIDE TEST	-28/ mg/Kg	. . .	7
ACCEPTED	YES	NO	5
PAINT FILTER TEST	Time started 1/30	Time completed 1142	4
PASS	YES X	, NO	3-
SAMPLER/ANALYST	Cary Kol	inson	7-
570011011 01 5			

5796 US Hwy 64, Farmington, NM 87401 Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com



	81123		Sites
GENERATOR	Kinder High Rio	morga	Λ
POINT OF OF	IIGIN RIO	Vista	COMP
TRANSPORTE	R FOV'	otech	

									ORTER FA				
PHONE	: (505) 632-0615 •	5796 (W MEXICO	87401	DATE C	DATE 09 01 23 JOB# 14073-0073				
LOAD			COMPLETE DESCR	RIPTION OF SHIP	MENT				TRANSPORTING COMPANY				
NO.	DESTINATION		MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE		
1	BF	C	ont-Ligu	ons		1			958	1025	Statute		
			_			1			1				
										5			
RESULT	S		LANDFARM	A		0		NOTE	:S				
-272	CHLORIDE TEST	1	EMPLOYEE	(sau	1 12 h	lino	40-						
	CHLORIDE TEST		☐ Soil w/ Debris ☐					ut					
	CHLORIDETEST		By signing as th	e driver/transpo	rter, I certi	ify the mater	rial hauled fr	om the above	location has n	ot been added	d to or tampered with.		
Pass	PAINT FILTER TEST	1	certify the mater into the load. Lar	ial is from the	above men	itioned Gene	rator/Point o	of Origin and r	that no addition	al material ha	s been added or mixed		

Generator Onsite Contact	_ Phone				
Signatures required prior to distribution of the legal document.	DISTRIBUTION.	White - Company Records / Billing	Yellow - Customer	Pink - LF Copy	

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	-	-	11	V	I	II.	U	F	-	-	11
EV											

BOL# 31123

CHLORIDE TESTING / PAINT FILTER TESTING

		1201111071	, and the term in the	711140	
DATE 09	01/23	TIME	_1025	Attach test strip here	
CUSTOMER	Rio	Vista Co	Kindermore	gan !	
SITE	Rio		mp	TAS	
DRIVER	Rus	the Fin	le	9	
SAMPLE	Soil	Straight	With Dirt X	8	=
CHLORIDE TEST	-27	Z _{mg/Kg}		7	
ACCEPTED	YES	~	NO	-5	
PAINT FILTER TEST	Time started	1025	Time completed 1035	4	
PASS	YES		NO -	-2-	
SAMPLER/ANALYST	_ (v	rig Kolin	200	1	
F705.146.1	_	F. 21			Ξ

5796 US Hwy 64, Farmington, NM 87401 Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com



MANIFEST # 82577 GENERATOR EL PASA

GENERATOR E	- uo	1		
POINT OF ORIGIN	See	The	C-	138

TRANSPORTER Environtech

LOAD			COMPLETE DESCRIPTION	ON OF SHIP	MENT					RTING COMPA	14013 - 0081 NY
NO.	DESTINATION		MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
	B'F	7	ank bottom				_	_	725	1430	MA
						1			30		/
		+									
		+									
						1					
RESULT			LANDFARM EMPLOYEE	1	111			NOTE	S		
272	CHLORIDE TEST	1			//						
	CHLORIDE TEST		☐ Soil w/ Debris ☐ Afte						Innaklası bere s	-4 h!-!	d &= == &====== d 141
Pass	CHLORIDE TEST PAINT FILTER TEST	1	By signing as the dri certify the material is into the load. Landfar	from the	above men	tioned Gene	erator/Point of	f Origin and t	hat no addition	al material ha	s been added or mix

DISTRIBUTION: White - Company Records / Billing Yellow - Customer

Pink - LF Copy

Signatures required prior to distribution of the legal document.



BOL# 82577

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 1 (/6)	123 TIME 1438 Attach test strip here
CUSTOMER	EL Paso
SITE	See Bol 82577
DRIVER	Stoven by Gon/C
SAMPLE	Soil Straight With Dirt
CHLORIDE TEST	-272 mg/Kg
ACCEPTED	YES NO 5
PAINT FILTER TEST	Time started 1430 Time completed 1441
PASS	YES NO
SAMPLER/ANALYST	Conflex 1

5796 US Hwy 64, Farmington, NM 87401 Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com $Released\ to\ Imaging:\ 6/27/2024\ 4:25:00\ PM$

APPENDIX D

Groundwater Analytical Lab Reports

Stantec -

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Steve Varsa Stantec Consulting Services Inc 11311 Aurora Avenue Des Moines, Iowa 50322-7904

Generated 6/13/2023 5:53:30 PM Revision 1

JOB DESCRIPTION

Fogelson 4-1 Com #14.00 SDG NUMBER Fogelson

JOB NUMBER

400-238106-1

Eurofins Pensacola 3355 McLemore Drive Pensacola FL 32514

Eurofins Pensacola

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

Generated 6/13/2023 5:53:30 PM Revision 1

Authorized for release by Isabel Enfinger, Project Manager I isabel.enfinger@et.eurofinsus.com
Designee for
Cheyenne Whitmire, Project Manager II
Cheyenne.Whitmire@et.eurofinsus.com
(850)471-6222

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Client: Stantec Consulting Services Inc Project/Site: Fogelson 4-1 Com #14.00 Laboratory Job ID: 400-238106-1 SDG: Fogelson

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QC Sample Results	25
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Case Narrative

Client: Stantec Consulting Services Inc Project/Site: Fogelson 4-1 Com #14.00 Job ID: 400-238106-1 SDG: Fogelson

13011

Job ID: 400-238106-1

Laboratory: Eurofins Pensacola

Narrative

Job Narrative 400-238106-1

Comments

No additional comments.

Receipt

The samples were received on 5/23/2023 9:10 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 5.2° C.

GC/MS VOA

Method 8260D: The matrix spike (MS) recoveries for analytical batch 400-626453 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: DUP-01 (400-238106-2) and MW-10 (400-238106-11). Elevated reporting limits (RLs) are provided.

Method 8260D: The matrix spike (MS) recovery for analytical batch 400-627229 was outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Eurofins Pensacola 6/13/2023 (Rev. 1) Job ID: 400-238106-1

SDG: Fogelson

Client: Stantec Consulting Services Inc Project/Site: Fogelson 4-1 Com #14.00 Client Sample ID: TRIP BLANK

Lab Sample ID: 400-238106-1

No Detections.

Client Sample ID: DUP-01 Lab Sample ID: 400-238106-2

Analyte	Result	Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
Benzene	19		2.0	ug/L	2	8260D	Total/NA
Ethylbenzene	520		2.0	ug/L	2	8260D	Total/NA
Xylenes, Total	380		20	ug/L	2	8260D	Total/NA

Lab Sample ID: 400-238106-3 Client Sample ID: MW-1R

No Detections.

Client Sample ID: MW-2 Lab Sample ID: 400-238106-4

No Detections.

Lab Sample ID: 400-238106-5 Client Sample ID: MW-3

No Detections.

Client Sample ID: MW-4 Lab Sample ID: 400-238106-6

No Detections.

Lab Sample ID: 400-238106-7 Client Sample ID: MW-6

No Detections.

Client Sample ID: MW-7 Lab Sample ID: 400-238106-8

Analyte	Result	Qualifier	RL	MDL Unit	Dil Fac	D	Method	Prep Type
Benzene	8.3		1.0	ug/L	1	_	8260D	Total/NA
Ethylbenzene	4.3		1.0	ug/L	1		8260D	Total/NA

Lab Sample ID: 400-238106-9 Client Sample ID: MW-8

No Detections.

Client Sample ID: MW-9 Lab Sample ID: 400-238106-10

No Detections.

Client Sample ID: MW-10 Lab Sample ID: 400-238106-11

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
Benzene	19	2.0	ug/L		8260D	Total/NA
Ethylbenzene	510	2.0	ug/L	2	8260D	Total/NA
Xylenes, Total	370	20	ug/L	2	8260D	Total/NA

Client Sample ID: MW-11 Lab Sample ID: 400-238106-12

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Stantec Consulting Services Inc Project/Site: Fogelson 4-1 Com #14.00 Job ID: 400-238106-1

SDG: Fogelson

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET PEN
5030C	Purge and Trap	SW846	EET PEN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

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Sample Summary

Client: Stantec Consulting Services Inc Project/Site: Fogelson 4-1 Com #14.00

Job ID: 400-238106-1

SDG: Fogelson

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-238106-1	TRIP BLANK	Water	05/18/23 17:35	05/23/23 09:10
400-238106-2	DUP-01	Water	05/18/23 17:38	05/23/23 09:10
400-238106-3	MW-1R	Water	05/18/23 19:05	05/23/23 09:10
400-238106-4	MW-2	Water	05/18/23 18:55	05/23/23 09:10
400-238106-5	MW-3	Water	05/18/23 18:52	05/23/23 09:10
400-238106-6	MW-4	Water	05/18/23 18:45	05/23/23 09:10
400-238106-7	MW-6	Water	05/18/23 18:50	05/23/23 09:10
400-238106-8	MW-7	Water	05/18/23 18:40	05/23/23 09:10
400-238106-9	MW-8	Water	05/18/23 18:35	05/23/23 09:10
400-238106-10	MW-9	Water	05/18/23 18:20	05/23/23 09:10
400-238106-11	MW-10	Water	05/18/23 18:10	05/23/23 09:10
400-238106-12	MW-11	Water	05/18/23 18:10	05/23/23 09:10

Client: Stantec Consulting Services Inc Project/Site: Fogelson 4-1 Com #14.00 Job ID: 400-238106-1

SDG: Fogelson

Client Sample ID: TRIP BLANK

Lab Sample ID: 400-238106-1

Matrix: Water

Date Collected: 05/18/23 17:35 Date Received: 05/23/23 09:10

Method: SW846 8260D -	Volatile Organic (Compound	ds by GC/MS						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			06/01/23 16:46	1
Toluene	<1.0		1.0		ug/L			06/01/23 16:46	1
Ethylbenzene	<1.0		1.0		ug/L			06/01/23 16:46	1
Xylenes, Total	<10		10		ug/L			06/01/23 16:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	104		64 - 132					06/01/23 16:46	1
Dibromofluoromethane	105		75 - 126					06/01/23 16:46	1
4-Bromofluorobenzene	105		72 - 130					06/01/23 16:46	1

Client: Stantec Consulting Services Inc Project/Site: Fogelson 4-1 Com #14.00 Job ID: 400-238106-1

SDG: Fogelson

Client Sample ID: DUP-01

Lab Sample ID: 400-238106-2

Matrix: Water

Date Collected: 05/18/23 17:38 Date Received: 05/23/23 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	19		2.0		ug/L			05/25/23 14:11	2
Toluene	<2.0		2.0		ug/L			05/25/23 14:11	2
Ethylbenzene	520		2.0		ug/L			05/25/23 14:11	2
Xylenes, Total	380		20		ug/L			05/25/23 14:11	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101		64 - 132			-		05/25/23 14:11	2
1,2-Dichloroethane-d4 (Surr)	80		67 - 134					05/25/23 14:11	2

Client: Stantec Consulting Services Inc Project/Site: Fogelson 4-1 Com #14.00 Job ID: 400-238106-1

SDG: Fogelson

Client Sample ID: MW-1R

Lab Sample ID: 400-238106-3

Matrix: Water

Date Collected: 05/18/23 19:05 Date Received: 05/23/23 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/25/23 11:35	1
Toluene	<1.0		1.0		ug/L			05/25/23 11:35	1
Ethylbenzene	<1.0		1.0		ug/L			05/25/23 11:35	1
Xylenes, Total	<10		10		ug/L			05/25/23 11:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		64 - 132					05/25/23 11:35	1
1,2-Dichloroethane-d4 (Surr)	99		67 - 134					05/25/23 11:35	1

Client: Stantec Consulting Services Inc Project/Site: Fogelson 4-1 Com #14.00 Job ID: 400-238106-1

SDG: Fogelson

Client Sample ID: MW-2

Lab Sample ID: 400-238106-4

Matrix: Water

Date Collected: 05/18/23 18:55 Date Received: 05/23/23 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/25/23 12:01	1
Toluene	<1.0		1.0		ug/L			05/25/23 12:01	1
Ethylbenzene	<1.0		1.0		ug/L			05/25/23 12:01	1
Xylenes, Total	<10		10		ug/L			05/25/23 12:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		64 - 132			-		05/25/23 12:01	1
1,2-Dichloroethane-d4 (Surr)	103		67 - 134					05/25/23 12:01	1

Client: Stantec Consulting Services Inc Project/Site: Fogelson 4-1 Com #14.00 Job ID: 400-238106-1

SDG: Fogelson

Client Sample ID: MW-3

Lab Sample ID: 400-238106-5

Matrix: Water

Date Collected: 05/18/23 18:52 Date Received: 05/23/23 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/25/23 12:27	1
Toluene	<1.0		1.0		ug/L			05/25/23 12:27	1
Ethylbenzene	<1.0		1.0		ug/L			05/25/23 12:27	1
Xylenes, Total	<10		10		ug/L			05/25/23 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		64 - 132					05/25/23 12:27	1
1,2-Dichloroethane-d4 (Surr)	89		67 - 134					05/25/23 12:27	1

Client: Stantec Consulting Services Inc Project/Site: Fogelson 4-1 Com #14.00 Job ID: 400-238106-1

SDG: Fogelson

Client Sample ID: MW-4

Lab Sample ID: 400-238106-6

Matrix: Water

Date Collected: 05/18/23 18:45 Date Received: 05/23/23 09:10

Method: SW846 8260D - Vo	olatile Organic	Compound	ds by GC/MS	;					
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/25/23 12:53	1
Toluene	<1.0		1.0		ug/L			05/25/23 12:53	1
Ethylbenzene	<1.0		1.0		ug/L			05/25/23 12:53	1
Xylenes, Total	<10		10		ug/L			05/25/23 12:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		64 - 132					05/25/23 12:53	1
1,2-Dichloroethane-d4 (Surr)	99		67 - 134					05/25/23 12:53	1

Client: Stantec Consulting Services Inc Project/Site: Fogelson 4-1 Com #14.00 Job ID: 400-238106-1

SDG: Fogelson

Client Sample ID: MW-6

Lab Sample ID: 400-238106-7

Matrix: Water

Date Collected: 05/18/23 18:50 Date Received: 05/23/23 09:10

Method: SW846 8260D -	Volatile Organic	Compoun	ds by GC/MS	i					
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/31/23 17:42	1
Toluene	<1.0		1.0		ug/L			05/31/23 17:42	1
Ethylbenzene	<1.0		1.0		ug/L			05/31/23 17:42	1
Xylenes, Total	<10	F1	10		ug/L			05/31/23 17:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	86		64 - 132					05/31/23 17:42	1
Dibromofluoromethane	105		75 - 126					05/31/23 17:42	1
4-Bromofluorobenzene	98		72 - 130					05/31/23 17:42	1

Client: Stantec Consulting Services Inc Project/Site: Fogelson 4-1 Com #14.00

Job ID: 400-238106-1

05/31/23 18:07

SDG: Fogelson

Client Sample ID: MW-7

Lab Sample ID: 400-238106-8

Matrix: Water

Date	Collected:	05/18/23	18:40
Date	Received:	05/23/23	09:10

4-Bromofluorobenzene

Method: SW846 8260D -	Volatile Organic	Compound	ds by GC/MS						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	8.3		1.0		ug/L			05/31/23 18:07	1
Toluene	<1.0		1.0		ug/L			05/31/23 18:07	1
Ethylbenzene	4.3		1.0		ug/L			05/31/23 18:07	1
Xylenes, Total	<10		10		ug/L			05/31/23 18:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		64 - 132					05/31/23 18:07	1
Dibromofluoromethane	102		75 - 126					05/31/23 18:07	1

72 - 130

96

Client: Stantec Consulting Services Inc Project/Site: Fogelson 4-1 Com #14.00

1,2-Dichloroethane-d4 (Surr)

Job ID: 400-238106-1

05/25/23 13:20

SDG: Fogelson

Lab Sample ID: 400-238106-9 **Client Sample ID: MW-8** Date Collected: 05/18/23 18:35

Matrix: Water

Date Received: 05/23/23 09:10	
Method: SW846 8260D - Volatile Organic Compounds by GC/MS	

94

motriou: Official office	Tolatile Organie Compoun	ido by coninc	•				
Analyte	Result Qualifier	RL	MDL Unit	D P	repared	Analyzed	Dil Fac
Benzene	<1.0	1.0	ug/L			05/25/23 13:20	1
Toluene	<1.0	1.0	ug/L			05/25/23 13:20	1
Ethylbenzene	<1.0	1.0	ug/L			05/25/23 13:20	1
Xylenes, Total	<10	10	ug/L			05/25/23 13:20	1
Surrogate	%Recovery Qualifier	Limits		F	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98	64 - 132				05/25/23 13:20	1

67 - 134

Client: Stantec Consulting Services Inc Project/Site: Fogelson 4-1 Com #14.00

Job ID: 400-238106-1

SDG: Fogelson

Client Sample ID: MW-9

Lab Sample ID: 400-238106-10

Matrix: Water

Date Collected: 05/18/23 18:20 Date Received: 05/23/23 09:10

Method: SW846 8260D - '	Volatile Organic Com	npounds by GC/MS						
Analyte	Result Qua	alifier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0	1.0		ug/L			05/31/23 18:32	1
Toluene	<1.0	1.0		ug/L			05/31/23 18:32	1
Ethylbenzene	<1.0	1.0		ug/L			05/31/23 18:32	1
Xylenes, Total	<10	10		ug/L			05/31/23 18:32	1
Surrogate	%Recovery Qua	alifier Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100	64 - 132					05/31/23 18:32	1
Dibromofluoromethane	104	75 - 126					05/31/23 18:32	1
4-Bromofluorobenzene	98	72 - 130					05/31/23 18:32	1

Client: Stantec Consulting Services Inc Project/Site: Fogelson 4-1 Com #14.00 Job ID: 400-238106-1

SDG: Fogelson

Client Sample ID: MW-10

Lab Sample ID: 400-238106-11

Matrix: Water

Date Collected: 05/18/23 18:10 Date Received: 05/23/23 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	19		2.0		ug/L			05/25/23 14:36	2
Toluene	<2.0		2.0		ug/L			05/25/23 14:36	2
Ethylbenzene	510		2.0		ug/L			05/25/23 14:36	2
Xylenes, Total	370		20		ug/L			05/25/23 14:36	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101		64 - 132					05/25/23 14:36	2
1,2-Dichloroethane-d4 (Surr)	78		67 - 134					05/25/23 14:36	2

Client: Stantec Consulting Services Inc Project/Site: Fogelson 4-1 Com #14.00 Job ID: 400-238106-1

SDG: Fogelson

Client Sample ID: MW-11

Lab Sample ID: 400-238106-12

Matrix: Water

Date Collected: 05/18/23 18:10 Date Received: 05/23/23 09:10

Method: SW846 8260D - Vo	olatile Organic	Compoun	ds by GC/MS						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/25/23 13:46	1
Toluene	<1.0		1.0		ug/L			05/25/23 13:46	1
Ethylbenzene	<1.0		1.0		ug/L			05/25/23 13:46	1
Xylenes, Total	<10		10		ug/L			05/25/23 13:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		64 - 132					05/25/23 13:46	1
1,2-Dichloroethane-d4 (Surr)	97		67 - 134					05/25/23 13:46	1

Definitions/Glossary

Client: Stantec Consulting Services Inc Job ID: 400-238106-1 Project/Site: Fogelson 4-1 Com #14.00

SDG: Fogelson

Qualifiers

GC/MS VOA

Qualifier **Qualifier Description**

MS and/or MSD recovery exceeds control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
n	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)

Dil Fac **Dilution Factor**

DL Detection Limit (DoD/DOE)

DL, RA, RE, IN Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

DLC Decision Level Concentration (Radiochemistry)

Estimated Detection Limit (Dioxin) **EDL** LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level" MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit MLMinimum Level (Dioxin) MPN Most Probable Number Method Quantitation Limit MQL

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent POS Positive / Present

PQL Practical Quantitation Limit

PRES Presumptive QC **Quality Control**

Relative Error Ratio (Radiochemistry) **RER**

Reporting Limit or Requested Limit (Radiochemistry) RL

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin) **TEQ** Toxicity Equivalent Quotient (Dioxin)

Too Numerous To Count **TNTC**

Eurofins Pensacola

Lab Sample ID: 400-238106-1

Matrix: Water

Client Sample ID: TRIP BLANK Date Collected: 05/18/23 17:35

Date Received: 05/23/23 09:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	627420	06/01/23 16:46	AGW	EET PEN

Client Sample ID: DUP-01

Date Collected: 05/18/23 17:38 Date Received: 05/23/23 09:10

Batch

Batch

00/01/23 10:40 AGW EETTE	
Lab Sample ID: 400-238106	-2
Matrix: Wat	er

Dil Initial Final Batch Prepared Factor Amount Amount Number or Analyzed Analyst Lab 2 5 mL 626453 05/25/23 14:11 BPO EET PEN

Prep Type Type Method Run Total/NA Analysis 8260D 5 mL

Client Sample ID: MW-1R Lab Sample ID: 400-238106-3 Date Collected: 05/18/23 19:05 **Matrix: Water**

Date Received: 05/23/23 09:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	626453	05/25/23 11:35	BPO	EET PEN

Client Sample ID: MW-2 Lab Sample ID: 400-238106-4 Date Collected: 05/18/23 18:55 **Matrix: Water**

Date Received: 05/23/23 09:10

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	626453	05/25/23 12:01	BPO	EET PEN

Client Sample ID: MW-3 Lab Sample ID: 400-238106-5 **Matrix: Water**

Date Collected: 05/18/23 18:52 Date Received: 05/23/23 09:10

_										
	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D				5 mL	626453	05/25/23 12:27	BPO	EET PEN

Client Sample ID: MW-4 Lab Sample ID: 400-238106-6

Date Collected: 05/18/23 18:45 Date Received: 05/23/23 09:10

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	626453	05/25/23 12:53	BPO	EET PEN

Client Sample ID: MW-6 Lab Sample ID: 400-238106-7 Date Collected: 05/18/23 18:50 **Matrix: Water**

Date Received: 05/23/23 09:10

Γ	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D			5 mL	5 mL	627229	05/31/23 17:42	WPD	EET PEN

Eurofins Pensacola

Matrix: Water

Job ID: 400-238106-1

SDG: Fogelson

Lab Sample ID: 400-238106-8

Matrix: Water

Matrix: Water

Matrix: Water

Matrix: Water

Matrix: Water

Matrix: Water

Client Sample ID: MW-7 Date Collected: 05/18/23 18:40 Date Received: 05/23/23 09:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	627229	05/31/23 18:07	WPD	EET PEN

Client Sample ID: MW-8 Lab Sample ID: 400-238106-9

Date Collected: 05/18/23 18:35 Date Received: 05/23/23 09:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	626453	05/25/23 13:20	BPO	EET PEN

Client Sample ID: MW-9 Lab Sample ID: 400-238106-10

Date Collected: 05/18/23 18:20 Date Received: 05/23/23 09:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	627229	05/31/23 18:32	WPD	EET PEN

Client Sample ID: MW-10 Lab Sample ID: 400-238106-11 **Matrix: Water**

Date Collected: 05/18/23 18:10 Date Received: 05/23/23 09:10

Batch Batch Dil Initial Final Batch Prepared **Prep Type** Type Method Factor Amount Amount Number or Analyzed Run Analyst Lab Total/NA Analysis 8260D 5 mL 5 mL 626453 05/25/23 14:36 BPO EET PEN

Client Sample ID: MW-11 Lab Sample ID: 400-238106-12

Date Collected: 05/18/23 18:10 Date Received: 05/23/23 09:10

Γ	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D			5 mL	5 mL	626453	05/25/23 13:46	BPO	EET PEN

Lab Sample ID: MB 400-626453/4

Client Sample ID: Method Blank Date Collected: N/A

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	626453	05/25/23 10:43		EET PEN

Client Sample ID: Method Blank Lab Sample ID: MB 400-627229/4

Date Collected: N/A Date Received: N/A

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	627229	05/31/23 16:56	WPD	EET PEN

Job ID: 400-238106-1

SDG: Fogelson

Client Sample ID: Method Blank

Client: Stantec Consulting Services Inc

Project/Site: Fogelson 4-1 Com #14.00

Date Collected: N/A Date Received: N/A Lab Sample ID: MB 400-627420/32

Matrix: Water

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	627420	06/01/23 16:21	AGW	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-626453/1002 Date Collected: N/A **Matrix: Water**

Date Received: N/A

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	626453	05/25/23 09:32	ВРО	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-627229/1002 Date Collected: N/A **Matrix: Water**

Date Received: N/A

Batch Batch Dil Initial Final Batch Prepared Method **Prep Type** Type **Factor Amount** Number or Analyzed Run Amount Analyst Lab Total/NA Analysis 8260D 5 mL 5 mL 627229 05/31/23 16:13 WPD EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-627420/1008

Date Collected: N/A **Matrix: Water**

Date Received: N/A

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	627420	06/01/23 15:20	AGW	EET PEN

Client Sample ID: MW-6 Lab Sample ID: 400-238106-7 MS **Matrix: Water**

Date Collected: 05/18/23 18:50

Date Received: 05/23/23 09:10

Γ	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	627229	05/31/23 18:56	WPD	EET PEN

Client Sample ID: MW-6 Lab Sample ID: 400-238106-7 MSD

Date Collected: 05/18/23 18:50

Date Received: 05/23/23 09:10

Analysis

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab

5 mL

627229

5 mL

05/31/23 19:21 WPD

Laboratory References:

Total/NA

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

8260D

Eurofins Pensacola

Matrix: Water

EET PEN

QC Association Summary

Client: Stantec Consulting Services Inc Project/Site: Fogelson 4-1 Com #14.00 Job ID: 400-238106-1 SDG: Fogelson

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GC/MS VOA

Analysis Batch: 626453

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-238106-2	DUP-01	Total/NA	Water	8260D	
400-238106-3	MW-1R	Total/NA	Water	8260D	
400-238106-4	MW-2	Total/NA	Water	8260D	
400-238106-5	MW-3	Total/NA	Water	8260D	
400-238106-6	MW-4	Total/NA	Water	8260D	
400-238106-9	MW-8	Total/NA	Water	8260D	
400-238106-11	MW-10	Total/NA	Water	8260D	
400-238106-12	MW-11	Total/NA	Water	8260D	
MB 400-626453/4	Method Blank	Total/NA	Water	8260D	
LCS 400-626453/1002	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 627229

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-238106-7	MW-6	Total/NA	Water	8260D	<u> </u>
400-238106-8	MW-7	Total/NA	Water	8260D	
400-238106-10	MW-9	Total/NA	Water	8260D	
MB 400-627229/4	Method Blank	Total/NA	Water	8260D	
LCS 400-627229/1002	Lab Control Sample	Total/NA	Water	8260D	
400-238106-7 MS	MW-6	Total/NA	Water	8260D	
400-238106-7 MSD	MW-6	Total/NA	Water	8260D	

Analysis Batch: 627420

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-238106-1	TRIP BLANK	Total/NA	Water	8260D	
MB 400-627420/32	Method Blank	Total/NA	Water	8260D	
LCS 400-627420/1008	Lab Control Sample	Total/NA	Water	8260D	

Job ID: 400-238106-1

SDG: Fogelson

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 400-626453/4

Matrix: Water

Analysis Batch: 626453

Client Sample ID: Method Blank

Prep Type: Total/NA

	MB	MB						
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	ug/L			05/25/23 10:43	1
Toluene	<1.0		1.0	ug/L			05/25/23 10:43	1
Ethylbenzene	<1.0		1.0	ug/L			05/25/23 10:43	1
Xylenes, Total	<10		10	ug/L			05/25/23 10:43	1

MB MB Surrogate %Recovery Qualifier Limits Dil Fac Prepared Analyzed 64 - 132 05/25/23 10:43 Toluene-d8 (Surr) 99 1,2-Dichloroethane-d4 (Surr) 100 67 - 134 05/25/23 10:43

100

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Lab Sample ID: LCS 400-626453/1002

Matrix: Water

Analyte

Benzene

Toluene

Ethylbenzene

Xylenes, Total

Analysis Batch: 626453

Client Sample ID: Lab Control Sample Prep Type: Total/NA

Spike LCS LCS %Rec Added Result Qualifier Unit %Rec Limits 50.0 52.2 ug/L 104 70 - 130 50.0 53.6 ug/L 107 70 - 130 50.0 56.1 ug/L 112 70 - 130

ug/L

LCS LCS %Recovery Qualifier Limits Surrogate Toluene-d8 (Surr) 108 64 - 132 1,2-Dichloroethane-d4 (Surr) 89 67 - 134

Lab Sample ID: MB 400-627229/4

Matrix: Water

Analysis Batch: 627229

Client Sample ID: Method Blank Prep Type: Total/NA

Client Sample ID: Lab Control Sample

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	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/31/23 16:56	1
Toluene	<1.0		1.0		ug/L			05/31/23 16:56	1
Ethylbenzene	<1.0		1.0		ug/L			05/31/23 16:56	1
Xylenes, Total	<10		10		ug/L			05/31/23 16:56	1

	MB I	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		64 - 132		05/31/23 16:56	1
1,2-Dichloroethane-d4 (Surr)	96		67 - 134		05/31/23 16:56	1
Dibromofluoromethane	103		75 - 126		05/31/23 16:56	1
4-Bromofluorobenzene	99		72 - 130		05/31/23 16:56	1

Lab Sample ID: LCS 400-627229/1002

Matrix: Water

Analysis Batch: 627229

Analysis Batom 027225	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	50.0	48.4		ug/L		97	70 - 130	
Toluene	50.0	48.3		ug/L		97	70 - 130	
Ethylbenzene	50.0	48.2		ug/L		96	70 - 130	
Xylenes, Total	100	96.0		ug/L		96	70 - 130	

Eurofins Pensacola

Prep Type: Total/NA

QC Sample Results

Client: Stantec Consulting Services Inc Project/Site: Fogelson 4-1 Com #14.00

Job ID: 400-238106-1

Client Sample ID: MW-6 Prep Type: Total/NA

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SDG: Fogelson

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
Toluene-d8 (Surr)	99		64 - 132
1,2-Dichloroethane-d4 (Surr)	93		67 - 134
Dibromofluoromethane	102		75 - 126
4-Bromofluorobenzene	99		72 - 130

Lab Sample ID: 400-238106-7 MS

Matrix: Water

Analysis Batch: 627229

Client Sample ID: MW-6 Prep Type: Total/NA

	Sample	Sample	Spike	ме	MS				%Rec	
	•	•	•	_	_					
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<1.0		50.0	35.3		ug/L		71	56 - 142	_
Toluene	<1.0		50.0	33.0		ug/L		66	65 - 130	
Ethylbenzene	<1.0		50.0	29.4		ug/L		59	58 - 131	
Xylenes, Total	<10	F1	100	56.8	F1	ug/L		57	59 - 130	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
Toluene-d8 (Surr)	101		64 - 132
1,2-Dichloroethane-d4 (Surr)	90		67 - 134
Dibromofluoromethane	99		75 - 126
4-Bromofluorobenzene	99		72 - 130

Lab Sample ID: 400-238106-7 MSD

Matrix: Water

Xylenes, Total

Analysis Batch: 627229

Analysis balch: 627229												
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	<1.0		50.0	43.2		ug/L		86	56 - 142	20	30	
Toluene	<1.0		50.0	41.2		ug/L		82	65 - 130	22	30	
Ethylbenzene	<1.0		50.0	39.0		ug/L		78	58 - 131	28	30	

100

74.6

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
Toluene-d8 (Surr)	98		64 - 132
1,2-Dichloroethane-d4 (Surr)	89		67 - 134
Dibromofluoromethane	99		75 - 126
4-Bromofluorobenzene	97		72 - 130

<10 F1

Lab Sample ID: MB 400-627420/32

Matrix: Water

Analysis Batch: 627420

Client Sample ID: Method Blank Prep Type: Total/NA

ug/L

мв мв **MDL** Unit Analyte Result Qualifier RL Prepared Analyzed Dil Fac Benzene <1.0 1.0 ug/L 06/01/23 16:21 Toluene <1.0 1.0 ug/L 06/01/23 16:21 Ethylbenzene <1.0 1.0 ug/L 06/01/23 16:21 Xylenes, Total <10 10 ug/L 06/01/23 16:21

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	104		64 - 132		06/01/23 16:21	1
1,2-Dichloroethane-d4 (Surr)	104		67 - 134		06/01/23 16:21	1

Eurofins Pensacola

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QC Sample Results

Client: Stantec Consulting Services Inc Project/Site: Fogelson 4-1 Com #14.00

Job ID: 400-238106-1

SDG: Fogelson

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

MB MB

Lab Sample ID: MB 400-627420/32

Lab Sample ID: LCS 400-627420/1008

Matrix: Water

Analysis Batch: 627420

Client Sample ID: Method Blank

Prep Type: Total/NA

%Recovery Qualifier Dil Fac Surrogate Limits Prepared Analyzed Dibromofluoromethane 105 75 - 126 06/01/23 16:21 4-Bromofluorobenzene 105 72 - 130 06/01/23 16:21

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Matrix: Water

Analysis Batch: 627420

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	50.0	54.5		ug/L		109	70 - 130	
Toluene	50.0	55.9		ug/L		112	70 - 130	
Ethylbenzene	50.0	58.2		ug/L		116	70 - 130	
Xylenes, Total	100	116		ug/L		116	70 - 130	

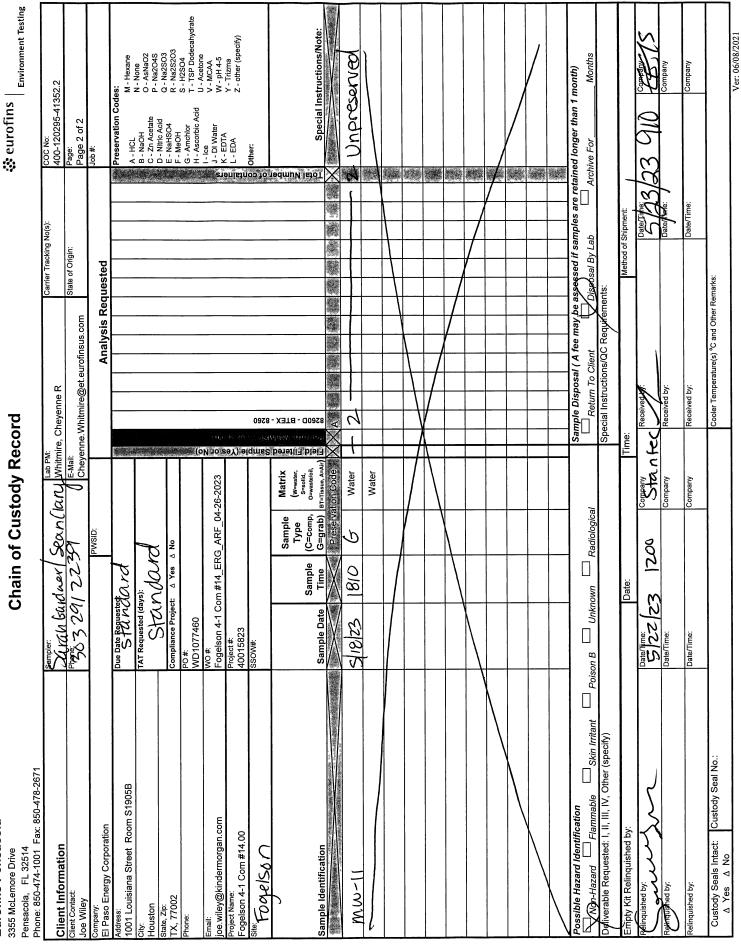
LCS LCS %Recovery Qualifier Limits Surrogate Toluene-d8 (Surr) 100 64 - 132 67 - 134 1,2-Dichloroethane-d4 (Surr) 104 Dibromofluoromethane 105 75 - 126 4-Bromofluorobenzene 100 72 - 130

ver:

Eurofins Pensacola 3355 McLemore Drive Pensacola, FL 32514 Phone: 850-474-1001 Fax: 850-478-2671	Chain of Custody Record	stody Recc	rd	•	💸 eurofins Environment Testing
Client Information	Sampler:	ha		Carrier Tracking No(s):	COC No: 400-120295-41352.1
Client Contact: Joe Wiley	2012	Ø	E-Mail: State Cheyenne.Whitmire@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Company: El Paso Energy Corporation	PWSID:		Analysis Requested	ted	Job #:
Address: 1001 Louisiana Street Room S1905B	Due Date Requested:	78-38-38			ĕ
City: Houston	TAT Requested (days):				N - None B - NaOH C - Zn Acetate P - Na2O4S
State, Z.p.: TX, 77002	liance Project: △ Yes △				
Phone:	PO#: WD1077460	(o		Les To	ъ
Email: joe.wiley@kindermorgan.com	-1 Com #14_ERG_ARF_	_04-26-2023 5		S	- ce J-D Water Y-EDTA
Project Name: Fogelson 4-1 Com #14.00	Project #: 40015823			enleżr	
Silver FogelSON	SSOW#:		400-238106 COC	01 501	Other:
	Sample		90D - BTEX -	iedmuN letc	
Sample Identification	Sample Date Time	BT=Tissue, A=Air) ation Gode		-	Special Instructions/Note:
Trip Blank	S1813 1735 -	Water	7		- Trip Blank,
DUP-01	slighz 1738 G	Water	7	2	Unpreserved
MW-IR	5/18/23 1905 6	Water	1 2		Unamegonia
2-MW	S 1812 1855 G	Water	7		
MW-3	5/18/25 1852 6	Water	7		Unpreserved
NNW-4	Sh812 1845 G	Water	7		
M.W. (S/18/23 1850 G	Water	1		
L-WW	S/18/123 1940 G	Water	7		
WW -B		Water	2		Unpreserved
Mwg	-	Water	7	1	
D)-MW	5 1812 1810	Water	4		Unpreserved
Possifile Hazard Identification Month Hazard Hammable Skin Irritant Po	Poison B Unknown Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) Return To Client Decosal By Lab Mor	sed if samples are retaine sal By Lab Arch	ed longer than 1 month) ive For Months
Defiverable Requested: I, II, III, IV, Other (specify)		ds			
Empty Kit Relinquished by:	Date:	Time:	4	Method of Shipment;	
Refinquished by:	Date Time: 52/23 (200	Skntec	Received	SEC/23/2	3 410 EEUS
	Date/Time:	Company	Kecelved by:	Date/Time: /	Company
	Date/Time:	Company	Received by:	Date/Time:	Сотрапу
Custody Seals Intact: Custody Seal No.: Δ Yes Δ No			Cooler Temperature(s) °C and Other Remarks:	520	168
					Ver: 06/08/2021

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Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 400-238106-1 SDG Number: Fogelson

List Source: Eurofins Pensacola

Login Number: 238106 List Number: 1

Creator: Perez, Trina M

Creator. Perez, Trilla Wi		
Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.2°C IR-8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Stantec Consulting Services Inc
Project/Site: Fogelson 4-1 Com #14.00

Job ID: 400-238106-1
SDG: Fogelson

Laboratory: Eurofins Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-23
ANAB	ISO/IEC 17025	L2471	02-22-26
Arkansas DEQ	State	88-0689	09-01-23
California	State	2510	06-30-23
Florida	NELAP	E81010	06-30-23
Georgia	State	E81010(FL)	06-30-23
Illinois	NELAP	200041	10-09-23
Kansas	NELAP	E-10253	10-31-23
Kentucky (UST)	State	53	06-30-23
Louisiana (All)	NELAP	30976	06-30-23
Louisiana (DW)	State	LA017	12-31-23
Maryland	State	233	09-30-23
Michigan	State	9912	06-30-23
North Carolina (WW/SW)	State	314	12-31-23
Oklahoma	NELAP	9810	08-31-23
Pennsylvania	NELAP	68-00467	01-31-24
South Carolina	State	96026	06-30-23
Tennessee	State	TN02907	06-30-23
Texas	NELAP	T104704286	09-30-23
US Fish & Wildlife	US Federal Programs	A22340	06-30-23
USDA	US Federal Programs	P330-21-00056	05-17-24
USDA	US Federal Programs	FLGNV23001	01-08-26
Virginia	NELAP	460166	06-14-23
West Virginia DEP	State	136	03-31-24

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Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Steve Varsa Stantec Consulting Services Inc 11311 Aurora Avenue Des Moines, Iowa 50322-7904

Generated 11/29/2023 10:51:50 PM

JOB DESCRIPTION

Fogelson 4-1 Com #14.00

JOB NUMBER

400-246564-1

Eurofins Pensacola 3355 McLemore Drive Pensacola FL 32514

Eurofins Pensacola

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

Generated 11/29/2023 10:51:50 PM

Authorized for release by Cheyenne Whitmire, Project Manager II Cheyenne.Whitmire@et.eurofinsus.com (850)471-6222

Laboratory Job ID: 400-246564-1

Client: Stantec Consulting Services Inc Project/Site: Fogelson 4-1 Com #14.00

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Case Narrative

Client: Stantec Consulting Services Inc Project/Site: Fogelson 4-1 Com #14.00 Job ID: 400-246564-1

Job ID: 400-246564-1

Laboratory: Eurofins Pensacola

Narrative

Job Narrative 400-246564-1

Receipt

The samples were received on 11/10/2023 9:19 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.5°C

GC/MS VOA

Method 8260D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 400-650306 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample ID: TB-01

No Detections.

Detection Summary

Client: Stantec Consulting Services Inc Job ID: 400-246564-1 Project/Site: Fogelson 4-1 Com #14.00 Client Sample ID: MW-1R Lab Sample ID: 400-246564-1 No Detections. Client Sample ID: MW-4 Lab Sample ID: 400-246564-2 No Detections. Client Sample ID: MW-7 Lab Sample ID: 400-246564-3 Analyte Result Qualifier RL **MDL** Unit Dil Fac D Method **Prep Type** 1.0 8260D Benzene 6.3 ug/L Total/NA Ethylbenzene 1.0 8260D Total/NA 1.0 ug/L Client Sample ID: MW-8 Lab Sample ID: 400-246564-4 No Detections. Client Sample ID: MW-9 Lab Sample ID: 400-246564-5 No Detections. Client Sample ID: MW-11 Lab Sample ID: 400-246564-6 No Detections. Client Sample ID: DUP-01 Lab Sample ID: 400-246564-7 No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Lab Sample ID: 400-246564-8

Method Summary

Client: Stantec Consulting Services Inc Project/Site: Fogelson 4-1 Com #14.00 Job ID: 400-246564-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET PEN
5030C	Purge and Trap	SW846	EET PEN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

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Sample Summary

Client: Stantec Consulting Services Inc Project/Site: Fogelson 4-1 Com #14.00

Job ID: 400-246564-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-246564-1	MW-1R	Water	11/08/23 17:50	11/10/23 09:19
400-246564-2	MW-4	Water	11/08/23 17:59	11/10/23 09:19
400-246564-3	MW-7	Water	11/08/23 18:05	11/10/23 09:19
400-246564-4	MW-8	Water	11/08/23 18:15	11/10/23 09:19
400-246564-5	MW-9	Water	11/08/23 18:22	11/10/23 09:19
400-246564-6	MW-11	Water	11/08/23 18:28	11/10/23 09:19
400-246564-7	DUP-01	Water	11/08/23 12:00	11/10/23 09:19
400-246564-8	TB-01	Water	11/08/23 17:45	11/10/23 09:19

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Client: Stantec Consulting Services Inc

Job ID: 400-246564-1

Project/Site: Fogelson 4-1 Com #14.00

Lab Sample ID: 400-246564-1

Matrix: Water

Date Collected: 11/08/23 17:50 Date Received: 11/10/23 09:19

Client Sample ID: MW-1R

Method: SW846 8260D -	Volatile Organic 	Compound	ds by GC/MS						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/15/23 02:37	1
Ethylbenzene	<1.0		1.0		ug/L			11/15/23 02:37	1
Toluene	<1.0		1.0		ug/L			11/15/23 02:37	1
Xylenes, Total	<10		10		ug/L			11/15/23 02:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	106		72 - 130					11/15/23 02:37	1
Dibromofluoromethane	116		75 - 126					11/15/23 02:37	1
Toluene-d8 (Surr)	99		64 - 132					11/15/23 02:37	1

Client: Stantec Consulting Services Inc

Job ID: 400-246564-1

Project/Site: Fogelson 4-1 Com #14.00

Lab Sample ID: 400-246564-2

Matrix: Water

Date Collected: 11/08/23 17:59 Date Received: 11/10/23 09:19

Client Sample ID: MW-4

Method: SW846 8260D - \	/olatile Organic (Compound	ds by GC/MS						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/15/23 03:04	1
Ethylbenzene	<1.0		1.0		ug/L			11/15/23 03:04	1
Toluene	<1.0		1.0		ug/L			11/15/23 03:04	1
Xylenes, Total	<10		10		ug/L			11/15/23 03:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	106		72 - 130					11/15/23 03:04	1
Dibromofluoromethane	116		75 - 126					11/15/23 03:04	1
Toluene-d8 (Surr)	103		64 - 132					11/15/23 03:04	1

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-246564-1

Project/Site: Fogelson 4-1 Com #14.00 **Client Sample ID: MW-7** Lab Sample ID: 400-246564-3

Date Collected: 11/08/23 18:05 **Matrix: Water** Date Received: 11/10/23 09:19

Method: SW846 8260D - Volatile Organic Compounds by GC/MS Analyte Result Qualifier MDL Unit D Prepared Analyzed Dil Fac Benzene 1.0 11/15/23 03:31 6.3 ug/L 1.0 11/15/23 03:31 Ethylbenzene 1.0 ug/L Toluene <1.0 1.0 ug/L 11/15/23 03:31

Xylenes, Total	<10	10	ug/L		11/15/23 03:31	1
Surrogate	%Recovery Qualifier	Limits		Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	108	72 - 130			11/15/23 03:31	1
Dibromofluoromethane	110	75 - 126			11/15/23 03:31	1
Toluene-d8 (Surr)	100	64 - 132			11/15/23 03:31	1

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Client: Stantec Consulting Services Inc Project/Site: Fogelson 4-1 Com #14.00 Job ID: 400-246564-1

Client Sample ID: MW-8

Lab Sample ID: 400-246564-4

Matrix: Water

Date Collected: 11/08/23 18:15 Date Received: 11/10/23 09:19

Method: SW846 8260D - Vo	atile Organic (Compound	ds by GC/MS						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/15/23 03:57	1
Ethylbenzene	<1.0		1.0		ug/L			11/15/23 03:57	1
Toluene	<1.0		1.0		ug/L			11/15/23 03:57	1
Xylenes, Total	<10		10		ug/L			11/15/23 03:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	109		72 - 130			-		11/15/23 03:57	1
Dibromofluoromethane	114		75 - 126					11/15/23 03:57	1
Toluene-d8 (Surr)	102		64 - 132					11/15/23 03:57	1

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Client: Stantec Consulting Services Inc Project/Site: Fogelson 4-1 Com #14.00 Job ID: 400-246564-1

Client Sample ID: MW-9

Lab Sample ID: 400-246564-5

Matrix: Water

Date Collected: 11/08/23 18:22 Date Received: 11/10/23 09:19

Method: SW846 8260D - V	olatile Organic (Compound	ds by GC/MS						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/18/23 09:06	1
Ethylbenzene	<1.0		1.0		ug/L			11/18/23 09:06	1
Toluene	<1.0		1.0		ug/L			11/18/23 09:06	1
Xylenes, Total	<10		10		ug/L			11/18/23 09:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		72 - 130					11/18/23 09:06	1
Dibromofluoromethane	97		75 - 126					11/18/23 09:06	1
Toluene-d8 (Surr)	107		64 - 132					11/18/23 09:06	1

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Client: Stantec Consulting Services Inc

Job ID: 400-246564-1

Project/Site: Fogelson 4-1 Com #14.00

Lab Sample ID: 400-246564-6

Matrix: Water

Client Sample ID: MW-11 Date Collected: 11/08/23 18:28 Date Received: 11/10/23 09:19

Method: SW846 8260D - 1	Volatile Organic C	Compound	ds by GC/MS					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	ug/L			11/18/23 09:32	1
Ethylbenzene	<1.0		1.0	ug/L			11/18/23 09:32	1
Toluene	<1.0		1.0	ug/L			11/18/23 09:32	1
Xylenes, Total	<10		10	ug/L			11/18/23 09:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	105		72 - 130				11/18/23 09:32	1
Dibromofluoromethane	99		75 - 126				11/18/23 09:32	1
Toluene-d8 (Surr)	107		64 - 132				11/18/23 09:32	1

Client: Stantec Consulting Services Inc Project/Site: Fogelson 4-1 Com #14.00 Job ID: 400-246564-1

Lab Sample ID: 400-246564-7

Matrix: Water

Date Collected: 11/08/23 12:00 Date Received: 11/10/23 09:19

Client Sample ID: DUP-01

Method: SW846 8260D -	Volatile Organic	Compoun	ds by GC/MS						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/15/23 12:31	1
Ethylbenzene	<1.0	F1	1.0		ug/L			11/15/23 12:31	1
Toluene	<1.0		1.0		ug/L			11/15/23 12:31	1
Xylenes, Total	<10	F1	10		ug/L			11/15/23 12:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	106		72 - 130					11/15/23 12:31	1
Dibromofluoromethane	116		75 - 126					11/15/23 12:31	1
Toluene-d8 (Surr)	100		64 - 132					11/15/23 12:31	1

Client: Stantec Consulting Services Inc
Project/Site: Fogelson 4-1 Com #14.00

Job ID: 400-246564-1

Client Sample ID: TB-01

Lab Sample ID: 400-246564-8

Matrix: Water

Date Collected: 11/08/23 17:45 Date Received: 11/10/23 09:19

Volatile Organic C	Compound	ds by GC/MS						
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<1.0		1.0		ug/L			11/20/23 09:38	1
<1.0		1.0		ug/L			11/20/23 09:38	1
<1.0		1.0		ug/L			11/20/23 09:38	1
<10		10		ug/L			11/20/23 09:38	1
%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
96		72 - 130					11/20/23 09:38	1
114		75 - 126					11/20/23 09:38	1
92		64 - 132					11/20/23 09:38	1
	Result	Result Qualifier	Result Qualifier RL <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Result Qualifier RL MDL Unit <1.0	Result Qualifier RL MDL Unit D <1.0	Result Qualifier RL MDL Unit D Prepared <1.0	Result Qualifier RL MDL Unit D Prepared Analyzed <1.0

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Definitions/Glossary

Client: Stantec Consulting Services Inc Job ID: 400-246564-1

Project/Site: Fogelson 4-1 Com #14.00

Qualifiers

GC/MS VOA

Qualifier Description

F1 MS and/or MSD recovery exceeds control limits.

Glossary

DER

Abbreviation	nese commonly used abbreviations may or may not be present in this report.						
¤	sted under the "D" column to designate that the result is reported on a dry weight basis						
%R	Percent Recovery						
CFL	Contains Free Liquid						
CFU	Colony Forming Unit						
CNF	Contains No Free Liquid						

Dil Fac Dilution Factor

DL Detection Limit (DoD/DOE)

DL, RA, RE, IN Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

DLC Decision Level Concentration (Radiochemistry)

Duplicate Error Ratio (normalized absolute difference)

EDL Estimated Detection Limit (Dioxin)
LOD Limit of Detection (DoD/DOE)
LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level"

MDA Minimum Detectable Activity (Radiochemistry)

MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit
ML Minimum Level (Dioxin)
MPN Most Probable Number
MQL Method Quantitation Limit

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent
POS Positive / Present

PQL Practical Quantitation Limit

PRES Presumptive
QC Quality Control

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin)
TEQ Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Job ID: 400-246564-1

Client: Stantec Consulting Services Inc Project/Site: Fogelson 4-1 Com #14.00

Lab Sample ID: 400-246564-1

Matrix: Water

Matrix: Water

Matrix: Water

Matrix: Water

Client Sample ID: MW-1R Date Collected: 11/08/23 17:50

Date Received: 11/10/23 09:19 Dil Batch Ratch Initial Final Batch Prepared Method **Factor** or Analyzed **Prep Type** Type Run **Amount** Amount Number

Analyst Lab Total/NA Analysis 650283 11/15/23 02:37 BPO EET PEN 8260D 5 mL 5 mL

Client Sample ID: MW-4 Lab Sample ID: 400-246564-2 Date Collected: 11/08/23 17:59 **Matrix: Water**

Date Received: 11/10/23 09:19

Batch Batch Dil Initial Final Batch **Prepared Prep Type** Type Method Run **Factor** Amount Amount Number or Analyzed Analyst Lab Total/NA Analysis 8260D 5 mL 5 mL 650283 11/15/23 03:04 BPO EET PEN

Client Sample ID: MW-7 Lab Sample ID: 400-246564-3

Date Collected: 11/08/23 18:05 Date Received: 11/10/23 09:19

Batch Batch Dil Initial Final **Batch** Prepared Method **Factor** Number or Analyzed **Prep Type** Type Run Amount Amount **Analyst** Lab Total/NA Analysis 8260D 5 mL 650283 11/15/23 03:31 **BPO** EET PEN 5 mL

Client Sample ID: MW-8 Lab Sample ID: 400-246564-4 **Matrix: Water**

Date Collected: 11/08/23 18:15

Date Received: 11/10/23 09:19

Batch Batch Dil Initial Final Batch Prepared **Prep Type** Method **Factor** Amount Amount Number or Analyzed Type Run Analyst Lab Total/NA Analysis 8260D 5 mL 650283 11/15/23 03:57 BPO EET PEN 5 mL

Client Sample ID: MW-9 Lab Sample ID: 400-246564-5

Date Collected: 11/08/23 18:22 Date Received: 11/10/23 09:19

Batch Batch Dil Initial Final Batch Prepared Amount Method Run Factor **Amount** Number or Analyzed **Prep Type** Type Analyst Lab Total/NA Analysis 8260D 5 mL 5 mL 650935 11/18/23 09:06 WPD EET PEN

Lab Sample ID: 400-246564-6 Client Sample ID: MW-11

Date Collected: 11/08/23 18:28 Date Received: 11/10/23 09:19

Dil Initial Final Batch Batch Batch **Prepared Prep Type** Type Method Run Factor Amount Amount Number or Analyzed **Analyst** Lab 11/18/23 09:32 WPD Total/NA Analysis 8260D 5 mL 5 mL 650935 EET PEN

Client Sample ID: DUP-01 Lab Sample ID: 400-246564-7 **Matrix: Water**

Date Collected: 11/08/23 12:00 Date Received: 11/10/23 09:19

Batch Batch Dil Initial Final **Batch Prepared** Method Prep Type Type Run Factor **Amount** Amount Number or Analyzed Analyst Lab 11/15/23 12:31 BPO Total/NA Analysis 8260D 5 mL 5 mL 650306 EET PEN

Client Sample ID: TB-01

Lab Sample ID: 400-246564-8

Matrix: Water

Date Collected: 11/08/23 17:45	
Date Received: 11/10/23 09:19	

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	650992	11/20/23 09:38	WPD	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-650283/3 Date Collected: N/A **Matrix: Water**

Date Received: N/A

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	650283	11/14/23 19:02	ВРО	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-650306/3 Date Collected: N/A **Matrix: Water**

Date Received: N/A

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	650306	11/15/23 11:10	ВРО	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-650935/4 Date Collected: N/A

Matrix: Water

Date Received: N/A

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	650935	11/18/23 08:41	WPD	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-650992/5 Date Collected: N/A **Matrix: Water**

Date Received: N/A

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	650992	11/20/23 08:20	WPD	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-650283/1001 Date Collected: N/A **Matrix: Water**

Date Received: N/A

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	650283	11/14/23 17:55	BPO	EET PEN

Lab Sample ID: LCS 400-650306/1001 **Client Sample ID: Lab Control Sample** Date Collected: N/A **Matrix: Water**

Date Received: N/A

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	650306	11/15/23 10:04	BPO	EET PEN

Client: Stantec Consulting Services Inc

Job ID: 400-246564-1

Project/Site: Fogelson 4-1 Com #14.00

Client Sample ID: Lab Control Sample Lab Sample ID: LCS 400-650935/1002

Date Collected: N/A

Matrix: Water

Batch Dil Initial Batch Batch Final Prepared Method **Factor** or Analyzed **Prep Type** Type Run **Amount Amount** Number **Analyst** Lab Total/NA Analysis 8260D 650935 11/18/23 07:51 WPD EET PEN 5 mL 5 mL

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-650992/1002 Date Collected: N/A **Matrix: Water**

Date Received: N/A

Date Received: N/A

Batch Batch Dil Initial Final Batch Prepared **Prep Type** Type Method Run **Factor** Amount Amount Number or Analyzed Analyst Lab Total/NA Analysis 8260D 5 mL 5 mL 650992 11/20/23 07:22 WPD EET PEN

Client Sample ID: DUP-01 Lab Sample ID: 400-246564-7 MS

Date Collected: 11/08/23 12:00 **Matrix: Water**

Date Received: 11/10/23 09:19

Batch Batch Dil Initial Final **Batch** Prepared **Prep Type** Method **Factor Amount** Number or Analyzed Type Run **Amount Analyst** Lab Total/NA Analysis 8260D 5 mL 5 mL 650306 11/15/23 16:31 BPO EET PEN

Lab Sample ID: 400-246564-7 MSD **Client Sample ID: DUP-01**

Date Collected: 11/08/23 12:00 **Matrix: Water**

Date Received: 11/10/23 09:19

Batch Batch Dil Initial Final Batch **Prepared Prep Type** Method **Factor Amount** Amount Number or Analyzed Type Run Analyst Lab Analysis 8260D 650306 11/15/23 16:58 BPO EET PEN Total/NA 5 mL 5 mL

Laboratory References:

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

QC Association Summary

Client: Stantec Consulting Services Inc Project/Site: Fogelson 4-1 Com #14.00 Job ID: 400-246564-1

GC/MS VOA

Analysis Batch: 650283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-246564-1	MW-1R	Total/NA	Water	8260D	
400-246564-2	MW-4	Total/NA	Water	8260D	
400-246564-3	MW-7	Total/NA	Water	8260D	
400-246564-4	MW-8	Total/NA	Water	8260D	
MB 400-650283/3	Method Blank	Total/NA	Water	8260D	
LCS 400-650283/1001	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 650306

Lab Sample ID 400-246564-7	Client Sample ID DUP-01	Prep Type Total/NA	Matrix Water	Method 8260D	Prep Batch
MB 400-650306/3	Method Blank	Total/NA	Water	8260D	
LCS 400-650306/1001	Lab Control Sample	Total/NA	Water	8260D	
400-246564-7 MS	DUP-01	Total/NA	Water	8260D	
400-246564-7 MSD	DUP-01	Total/NA	Water	8260D	

Analysis Batch: 650935

Lab	Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400	-246564-5	MW-9	Total/NA	Water	8260D	
400	-246564-6	MW-11	Total/NA	Water	8260D	
MB	400-650935/4	Method Blank	Total/NA	Water	8260D	
LCS	6 400-650935/1002	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 650992

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-246564-8	TB-01	Total/NA	Water	8260D	
MB 400-650992/5	Method Blank	Total/NA	Water	8260D	
LCS 400-650992/1002	Lab Control Sample	Total/NA	Water	8260D	

Job ID: 400-246564-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 400-650283/3

Matrix: Water

Analysis Batch: 650283

Client Sample ID: Method Blank

Prep Type: Total/NA

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/14/23 19:02	1
Ethylbenzene	<1.0		1.0		ug/L			11/14/23 19:02	1
Toluene	<1.0		1.0		ug/L			11/14/23 19:02	1
Xylenes, Total	<10		10		ug/L			11/14/23 19:02	1

MB MB %Recovery Qualifier Limits Analyzed Dil Fac Surrogate Prepared 72 - 130 11/14/23 19:02 4-Bromofluorobenzene 108 109 75 - 126 11/14/23 19:02 Dibromofluoromethane 64 - 132 103 Toluene-d8 (Surr) 11/14/23 19:02

Lab Sample ID: LCS 400-650283/1001

Matrix: Water

Analysis Batch: 650283

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit %Rec Limits 50.0 Benzene 53.3 ug/L 107 70 - 130 50.0 m-Xylene & p-Xylene 50.0 ug/L 100 70 - 130 50.0 48.8 70 - 130 o-Xylene ug/L 98 Ethylbenzene 50.0 51.3 103 70 - 130 ug/L Toluene 50.0 54.2 108 70 - 130 ug/L

LCS LCS Surrogate %Recovery Qualifier Limits 109 4-Bromofluorobenzene 72 - 130 Dibromofluoromethane 105 75 - 126 Toluene-d8 (Surr) 105 64 - 132 107 67 - 134 1,2-Dichloroethane-d4 (Surr)

MB MB

Lab Sample ID: MB 400-650306/3

Matrix: Water

Analysis Batch: 650306

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/15/23 11:10	1
Ethylbenzene	<1.0		1.0		ug/L			11/15/23 11:10	1
Toluene	<1.0		1.0		ug/L			11/15/23 11:10	1
Xylenes, Total	<10		10		ug/L			11/15/23 11:10	1

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		72 - 130		11/15/23 11:10	1
Dibromofluoromethane	113		75 - 126		11/15/23 11:10	1
Toluene-d8 (Surr)	102		64 - 132		11/15/23 11:10	1

Lab Sample ID: LCS 400-650306/1001

Released to Imaging: 6/27/2024 4:25:00 PM

Matrix: Water

Analysis Batch: 650306

Analysis Batch. 000000								
	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	50.0	54.9		ug/L		110	70 - 130	

Eurofins Pensacola

Prep Type: Total/NA

Job ID: 400-246564-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 400-650306/1001

Matrix: Water

Analysis Batch: 650306

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
m-Xylene & p-Xylene	50.0	53.8		ug/L		108	70 - 130	
o-Xylene	50.0	52.6		ug/L		105	70 - 130	
Ethylbenzene	50.0	54.6		ug/L		109	70 - 130	
Toluene	50.0	56.7		ug/L		113	70 - 130	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	108		72 - 130
Dibromofluoromethane	108		75 - 126
Toluene-d8 (Surr)	105		64 - 132
1,2-Dichloroethane-d4 (Surr)	113		67 - 134

Lab Sample ID: 400-246564-7 MS

Matrix: Water

Analysis Batch: 650306

Client Sample ID: DUP-01

Prep Type: Total/NA

MS MS %Rec Sample Sample Spike Analyte Result Qualifier Added Result Qualifier D %Rec Limits Unit Benzene <1.0 50.0 38.7 ug/L 77 56 - 142 m-Xylene & p-Xylene <5.0 F1 50.0 26.4 F1 57 - 130 ug/L 53 o-Xylene <5.0 F1 50.0 27.3 F1 ug/L 55 61 - 130 Ethylbenzene <1.0 F1 50.0 27.6 F1 ug/L 55 58 - 131 Toluene 50.0 69 <1.0 34.5 ug/L 65 - 130

MS MS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	108		72 - 130
Dibromofluoromethane	108		75 - 126
Toluene-d8 (Surr)	103		64 - 132
1.2-Dichloroethane-d4 (Surr)	114		67 - 134

Lab Sample ID: 400-246564-7 MSD

Matrix: Water

Analysis Batch: 650306

Client Sample ID: DUP-01 Prep Type: Total/NA

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<1.0		50.0	38.6		ug/L		77	56 - 142	0	30
m-Xylene & p-Xylene	<5.0	F1	50.0	27.3	F1	ug/L		55	57 - 130	4	30
o-Xylene	<5.0	F1	50.0	28.3	F1	ug/L		57	61 - 130	4	30
Ethylbenzene	<1.0	F1	50.0	28.4	F1	ug/L		57	58 - 131	3	30
Toluene	<1.0		50.0	35.3		ug/L		71	65 - 130	2	30
Benzene m-Xylene & p-Xylene o-Xylene Ethylbenzene	<1.0 <5.0 <5.0 <1.0	F1 F1	50.0 50.0 50.0 50.0	38.6 27.3 28.3 28.4	F1	ug/L ug/L ug/L ug/L	<u>D</u>	77 55 57	56 - 142 57 - 130 61 - 130 58 - 131	0 4	30

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	112		72 - 130
Dibromofluoromethane	107		75 - 126
Toluene-d8 (Surr)	103		64 - 132
1,2-Dichloroethane-d4 (Surr)	114		67 - 134

Job ID: 400-246564-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

MB MB

MR MR

Lab Sample ID: MB 400-650935/4

Matrix: Water

Analysis Batch: 650935

Client Sample ID: Method Blank Prep Type: Total/NA

Analyte Result Qualifier RL **MDL** Unit D Analyzed Dil Fac Prepared Benzene <1.0 1.0 ug/L 11/18/23 08:41 Ethylbenzene <1.0 1.0 ug/L 11/18/23 08:41 ug/L Toluene <1.0 1.0 11/18/23 08:41 Xylenes, Total <10 10 ug/L 11/18/23 08:41

MB MB Qualifier Dil Fac Surrogate Limits Prepared %Recovery Analyzed 72 - 130 4-Bromofluorobenzene 104 11/18/23 08:41 75 - 126 Dibromofluoromethane 94 11/18/23 08:41 106 Toluene-d8 (Surr) 64 - 132 11/18/23 08:41

Lab Sample ID: LCS 400-650935/1002

Matrix: Water

Analysis Batch: 650935

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit D %Rec Limits 50.0 Benzene 52.7 ug/L 105 70 - 130 50.0 m-Xylene & p-Xylene 55.9 ug/L 112 70 - 130 50.0 54.0 70 - 130 o-Xylene ug/L 108 Ethylbenzene 50.0 55.7 70 - 130 ug/L 111 Toluene 50.0 55.1 110 70 - 130 ug/L

LCS LCS Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene 105 72 - 130 Dibromofluoromethane 95 75 - 126 Toluene-d8 (Surr) 103 64 - 132 67 - 134 1,2-Dichloroethane-d4 (Surr) 109

Lab Sample ID: MB 400-650992/5

Matrix: Water

Analysis Batch: 650992

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/20/23 08:20	1
Ethylbenzene	<1.0		1.0		ug/L			11/20/23 08:20	1
Toluene	<1.0		1.0		ug/L			11/20/23 08:20	1
Xylenes, Total	<10		10		ug/L			11/20/23 08:20	1

	MB MB				
Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96	72 - 130		11/20/23 08:20	1
Dibromofluoromethane	112	75 - 126		11/20/23 08:20	1
Toluene-d8 (Surr)	91	64 - 132		11/20/23 08:20	1

Lab Sample ID: LCS 400-650992/1002

Released to Imaging: 6/27/2024 4:25:00 PM

Matrix: Water

Analysis Batch: 650992

Allalysis Datell. 000002								
	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	50.0	48.5		ug/L		97	70 - 130	 '

Eurofins Pensacola

Prep Type: Total/NA

QC Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-246564-1 Project/Site: Fogelson 4-1 Com #14.00

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 400-650992/1002

Matrix: Water

Analysis Batch: 650992

Client Sample	ID:	Lab	Control	Sam	ple
		Dro	n Type:	Total/	NΛ

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
m-Xylene & p-Xylene	50.0	43.2		ug/L		86	70 - 130	
o-Xylene	50.0	43.4		ug/L		87	70 - 130	
Ethylbenzene	50.0	42.7		ug/L		85	70 - 130	
Toluene	50.0	42.7		ug/L		85	70 - 130	

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	100		72 - 130
Dibromofluoromethane	103		75 - 126
Toluene-d8 (Surr)	92		64 - 132
1,2-Dichloroethane-d4 (Surr)	113		67 - 134

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Eurofins Pensacola 3355 McLemore Drive Pensacola, FL 32514 Phone: 850-474-1001 Fax: 850-478-2671	c	hain	of Cus	tody R	eco	ord	t							💸 euro	fins	Environment Testing
Client Information	Sampler SRC	+	ERB	Lab P	M mire	Che	yenne	R			Carrie	400	-246564 COC	COC No 400-1240	29-4135	52.2
Joe Wiley			3-08	E-Mail					rofinsus	.com	State	of C		Page. Page 1 of	_	
Company El Paso Energy Corporation			PWSID						Analy	sis Re	eques	ed		Job#		
Address 1001 Louisiana Street Room S1905B	Due Date Requeste	d: ST	0		1	Г		П			T			Preservati	n Code	es: M - Hexane
City Houston	TAT Requested (day			11-525-0	1	ı	9						Ш	A - HCL B - NaOH C - Zn Acet		N - None O - AsNaO2 P - Na2O4S
State, Zip TX, 77002	Compliance Project	. Δ Yes	Δ No						1				$V \cup V$	D - Nitric Ad E - NaHSO		Q - Na2SO3 R - Na2S2O3
Phone	PO #: WD1077460		V-1-0-10-10-10-10-10-10-10-10-10-10-10-10			ı							1 1	F - MeOH G - Amchio		S - H2SO4 T - TSP Dodecahydrate
Email	WO#		Z DAKA WENING TO JEE		(oN						ا ا			H - Ascorbi	1000	U - Acetone V - MCAA
joe.wiley@kindermorgan.com Project Name	Fogelson 4-1 Co	m #14_ER	G_ARF_10	24_2023	es o			H		1,12	-9/1			J - DI Wate K - EDTA	1	W - pH 4-5 Y - Trizma
Fogelson 4-1 Com #14.00	40015823				P) el					W.	1			L-EDA		Z - other (specify)
Site	ssow#:				Samp	250	2560	П		И				Other:		
Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W-water, 8=eofid, 0=wasteroll, BY=Tissue, A-Air)	Field Filtered S	R260D - BTFX - 8260	8260D - BTEX - 8260		1					Total Ministra	ecial In:	structions/Note:
				ation Codes	\boxtimes	4 2	100			1	3 日本			XEE		
MW-IR	148/2023	1780	0	Water	M	J -	·X	+			\Box					
mw-4	11/8/2013	1059	6	Water	MV	٧ -	- 1	+	+	+	+					
m W-7	11/8/2023	1805	6	Water	MN	v -	- X	+	-		+	-				
mw-8	11/8/2023	1815	6	Water	MN	1 -	- X	1	_	-	$\overline{+}$	-				
m w-9		1822	6	Water	N	VX	1 -		-	-	$\overline{}$	+				
m w-11	11/8/2013	1878	6	Water	NI				_	-						
Dup-01	11/8/2023		6	water	NN	1-	·X	1			+	-				
TR-01		1745	G	water	10	MS	Z _						#			
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WANTED A WANTED					H	+	+	+	+		+	\rightarrow			\vdash	+
Possible Hazard Identification				$\overline{}$	-	ame	le Die	nosář	f A foo	may he	20000	end if e	amples are ret	ained longer	than 1	month)
Non-Hazard Flammable Skin Irritant Po	ison B Unkne	own 🗀	Radiologica	al				n To C			Dispos	sal By L	ab D	Archive For_	1	Months
Deliverable Requested: I, II, III, IV, Other (specify)			-		s	peci	al Insti	ructions	s/QC Re					THE COURSE	Т	2-252
Empty Kit Relinquished by:		Date:			Time	e:						Method o	Shipment:		\vdash	
Relinguished by Brady Emma Brady Relinguished by	Date/Time 11/9/2023	150	00	Stante	è	Re	ceived !	by Q	(0)				Date/Time 10	23 9	la	Company
Relinquished by	Date/Time	1-0	9 7 0	Company	T(Re	ceived i	by:	74				Date/Time	0-5	+	Company
Relinquished by:	Date/Time			Company		Re	eceived	by:					Date/Time		\vdash	Company
Custody Seals Intact: Custody Seal No.: Δ Yes Δ No			9.50			Co	ooler Ter	mperatur	re(s) °C ar	nd Other	Remarks.	2	15°C	X.R	11	
																Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc Job Number: 400-246564-1

Login Number: 246564 List Source: Eurofins Pensacola

List Number: 1

Creator: Roberts, Alexis J

Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.5°C IR11
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Stantec Consulting Services Inc
Project/Site: Fogelson 4-1 Com #14.00

Job ID: 400-246564-1

Laboratory: Eurofins Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-24
ANAB	ISO/IEC 17025	L2471	02-22-26
Arkansas DEQ	State	88-00689	08-01-24
California	State	2510	06-30-24
Florida	NELAP	E81010	06-30-24
Georgia	State	E81010(FL)	06-30-24
Illinois	NELAP	200041	10-09-24
Kansas	NELAP	E-10253	10-31-24
Kentucky (UST)	State	53	06-30-24
Louisiana (All)	NELAP	30976	06-30-24
Louisiana (DW)	State	LA017	12-31-23
North Carolina (WW/SW)	State	314	12-31-23
Oklahoma	NELAP	9810	08-31-24
Pennsylvania	NELAP	68-00467	01-31-24
South Carolina	State	96026	06-30-24
Tennessee	State	TN02907	06-30-24
Texas	NELAP	T104704286	09-30-24
US Fish & Wildlife	US Federal Programs	A22340	06-30-24
USDA	US Federal Programs	P330-21-00056	05-17-24
USDA	US Federal Programs	FLGNV23001	01-08-26
Virginia	NELAP	460166	06-14-24
West Virginia DEP	State	136	03-31-24
West Virginia DEP	State	136	03-31-24

Eurofins Pensacola

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District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

CONDITIONS

Action 325226

CONDITIONS

Operator:	OGRID:
El Paso Natural Gas Company, L.L.C	7046
1001 Louisiana Street	Action Number:
Houston, TX 77002	325226
	Action Type:
	[UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Review of the Fogelson 4-1 2023 Annual Groundwater Report: Content Satisfactory 1. Conduct groundwater monitoring events as scheduled on a semi-annual basis. 2. Conduct analyses for BTEX, EPA method 8260 on key wells. 3. Increase sampling to quarterly when constituents have demonstrated below the WQCC human health standards. 4. Continue removal of LNAPL as appropriate for the site. 5. Submit the 2024 Annual Report by April 1, 2025, to OCD.	6/27/2024